

NUMBERS & ODDITIES  
the Spooks Newsletter  
edition #093, March 2005

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Thanks to the following contributors I think I have an interesting column for you this month. Thanks Trond, Jim, Maciej, Bill, Tom, Peter, Hans-Peter, Lupus, Attu, Ron, Mike, Piet, Manolis, Guy, Mike, Joerg, Igor, Tom H, John, Chris, Kurt, Day and... well, you know who you are.

- 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -

\* VOICE STATIONS \*

::: E03

Lincolnshire Poacher's idents compiled by AI.

1st half of March

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	32279	32279	32279	32279	32279	32279	32279	1200
1300	37701	37701	37701	37701	37701	37701	37701	1300
1400	92003	84539	71965	17791	32279	12524	15607	1400
1500	15607	92003	84539	71965	17791	32279	60665	1500
1600	60665	15607	92003	84539	71965	17791	12524	1600
1700	12524	60665	15607	92003	84539	71965	32279	1700
1800	32279	12524	60665	15607	92003	84539	17791	1800
1900	17791	37701	12524	37701	15607	92003	37701	1900
2000	37701	32279	37701	60665	37701	15607	71965	2000
2100	71965	17791	32279	12524	60665	37701	84539	2100
2200	84539	71965	17791	32279	12524	60665	92003	2200

2nd half of March

[illegible]

1300	89094	89094	89094	89094	89094	89094	89094	1300
1400	67341	10090	24840	31634	30802	42118	58758	1400
1500	58758	67341	10090	24840	31634	30802	77152	1500
1600	77152	58758	67341	10090	24840	31634	42118	1600
1700	42118	77152	58758	67341	10090	24840	30802	1700
1800	30802	42118	77152	58758	67341	10090	31634	1800
1900	31634	89094	42118	89094	58758	67341	89094	1900
2000	89094	30802	89094	77152	89094	58758	24840	2000
2100	24840	31634	30802	42118	77152	89094	10090	2100
2200	10090	24840	31634	30802	42118	77152	67341	2200

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::: E04

Cherry Ripe's idents compiled by Tomonori

1st half of March

UTC	Sun	Mon	Tue	Wed	Thu	Fri	UTC
-----							
2200	77437	11948	09576	98999	11948		2200
2300	11948	09576	98999	11948	53047		2300
0000		09576	98999	11948	53047	41820	0000
0100		98999	11948	53047	41820	39815	0100
1000		11948	53047	41820	39815	77437	1000
1100		53047	41820	39815	77437	11948	1100
1200		41820	39815	77437	11948	09576	1200
1300		39815	77437	11948	09576	98999	1300

2nd half of March

UTC	Sun	Mon	Tue	Wed	Thu	Fri	UTC
-----							
2200	23108	88349	05245	33881	88349		2200
2300	88349	05245	33881	88349	20367		2300
0000		05245	33881	88349	20367	49209	0000
0100		33881	88349	20367	49209	89706	0100
1000		88349	20367	49209	89706	23108	1000
1100		20367	49209	89706	23108	88349	1100
1200		49209	89706	23108	88349	05245	1200
1300		89706	23108	88349	05245	33881	1300

Cherry Ripe schedules:

1000 UTC, 20474 // 23461 kHz  
1100 UTC, 18864 // 23461 kHz  
1200 UTC, 18864 // 23461 kHz

1300 UTC, 18864 // 23461 kHz  
 2200 UTC, 18864 // 24644 kHz  
 2300 UTC, 18864 // 21866 kHz  
 0000 UTC, 18864 // 21866 kHz  
 0100 UTC, 19884 // 21866 kHz

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::: E10

Not much to report this time.

14-3, 1800 UTC, 4880 kHz: ULX 1  
 19-3, 2250 UTC, 6930 kHz: VLB 2 + SYN 2. Mixed signal  
 23-3, 2100 UTC, 4560 kHz: YHF 1  
 29-3, 2004 UTC, 3150//4270 kHz: PCD 1

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::: E15

Egyptian based E15 was reported by a number of dxers and on the Spooks and Enigma 2000 lists. Long time no see!

10-3, 0708 UTC, 6715 kHz: in progress  
     1237 UTC, 11170 kHz: in progress, "Queen Robert Union" (QRU)  
     1307 UTC, 11170 kHz: BEC "Baker Edward Charlie" QRU  
 15-3, 1100 UTC, 18000 kHz: BEC QRU  
 16-3, 1107 UTC, 18000 kHz: BEC QRU  
 17-3, 1230 UTC, 11170 kHz: OSS QRU  
 18-3, 1301 UTC, 11000 kHz: BEC QRU  
 31-3, 1100 UTC, 18000 kHz: BEC QRU

I received a schedule from Manolis of the period 10-22 March. He says that there were possibly more transmissions but because the stations sometimes starts too early or very late, you can easily miss a transmission. Thanks Manolis!

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Call
0700	6715	NF	6715	6715	NF	NF	6715	NAS
0800	NF	NF	NF	NF	NF	NF	NF	
0900	NF	NF	NF	NF	NF	NF	NF	
1000		NF	NF	NF	NF	6715	6715	VSD
1100		NF	18000	NF	NF	18000	NF	BEC
1130		NF	NF	NF	NF	6715		PAR
1200		5834	5834	5834	NF	5834		WSP
1230		11170	11170	11170	NF	11170		OSS

1300	NF	NF	11170	NF	11000	BEC
1400	NF	NF	NF	NF	NF	

Notes:

- The 1200 UTC frequency (17503 kHz) is a third harmonic of 5834 kHz.
- NF stands for "Not found".

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::: E23

Mike found a couple of E23 transmissions.

02-03 at 0954 UTC on 6507 kHz.  
 1155 UTC on 8188 kHz. "Intro of 00000, 11111, 22222, 33333,  
 and so on then message at 1157 UTC", Mike says.  
 03-03 at 0958 UTC on 6507 kHz.

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::: E25

Joerg reports via Enigma 2000 that he has copied E25 a number of times during March.

06-3, 1245 UTC, 9450 kHz, 785-51 null msg, no music  
 12-3, 1238 UTC, 9450 kHz, in progress  
 1333 UTC, 9450 kHz, 906 msg repeat ... EoM EoT, no music intro,  
 good signal, no QRM  
 13-3, 1230 UTC, 9450 kHz, 555 msg ... EoM 557 10 EoT  
 13-3, 1330 UTC, 9450 kHz, 906 msg ... EoM EoT 481 EoM 905 13 , msg was  
 repeat from Mar 12th 1330

Joerg says "The 1330 Sunday transmission was a repeat from Saturday (compared all groups). This one could be received in good quality. Maybe the 1230 transmission is also a repeat. In the last log 481 EoM 905 13 was said only once before the carrier was switched off. No music. If you compare with logs in the last E2K NL you see that 557 and 905 were already used."

Other E25 logs come from Tom who heard the station on 24-3 at 1330 UTC calling "960" for 3 minutes followed by "Message" and then into numbers

2481 5210 0755 4888 4875 5186 7397 2924 1676  
 2283 0373 2420 1787 8323 6716 3056 5210 7662  
 Repeat repeat repeat  
 2481 5210 0755 4888 4875 5186 7397 2924 1676  
 2283 0373 2420 1787 8323 6716 3056 5210 7662

End of msg end of transmission

Tom also logged a transmission on 22-3 at 1200 UTC on 9450 kHz. Tom says that the Arabic music stopped and a live announcer started reading "222" for about 5 minutes followed by "Message, Message" and into 4FGs:

3521 3190 8110 2075 3592 7299 5039 6144 8110

Repeat repeat repeat

3521 3190 8110 2075 3592 7299 5039 6144 8110

The message was repeated on 23-3 at 1344 UTC and logged by Chris who also copied an earlier transmission at 1330 UTC.

1330 UTC:

Calling "906" several times followed by 3x "Message" and then 4FGs:

3481 5210 0755 4888 4875 5186 7397 2924 1676

2283 0373 2420 1787 8323 6716 3056 5210 7662

Repeat repeat repeat

etc

Notes:

No Music intro; fair to strong signal strength, about S7-S9; 18 grp msg; carrier never went down, it was on during the 6-minute intermission between transmissions.

1344 UTC:

Music Intro followed by "222" and 3x "Message", then 4FGs:

3521 3190 3110 2075 3529 7299 5039 6144 8110

Repeat repeat repeat

etc

"E25 made its appearance on 25-3 at 1246z" reports Manolis. "Calling 785 58 59, no message, ended 1248z."

On 27 March, Tom reports the station at 1326 UTC. Tom says "The usual live announcer came on and read the ID's for about 5 minutes before a quick sign off. 909 23 24 905 25"

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::: V13

Kurt heard New Star on 8300 kHz at 1322 UTC on 2 March. Nice catch, Kurt. The station has not been reported for a while. Good to know that it is still alive and kicking.

-0-0-0-0-0-0-0-0-0-0-

★ MORSE STATIONS ★

::: MX

- Channel markers

L: 3204.2 kHz

R: 5465.8 kHz

V: 3658, 6809 kHz

I received a couple of questions about the location of the "R" marker. According to my source, the station is located on the Balezino-3 Technical Repair Base in Izhevsk. This base belongs to the Strategic Missile Troops and not to the navy.

- Cluster beacons

D: 4557.7, 7038.7, 8494.7, 10871.7, 13527.7, 16331.7 kHz \*)

P: 3593.8, 4557.8, 5153.8, 7038.8, 8494.8, 10871.8 kHz

S: 4557.9, 5153.9, 7038.9, 10871.9, 13527.9, 16331.9, 20047.9 kHz

C: 5154, 7039, 10872, 13528, 16332, 20048 kHz

F: 7039.2 kHz

K: 7039.3 kHz

M: 7039.4 kHz

\*) also heard on spurious freqs 7000 and 7044 kHz.

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::: M08

Mark Slaten posted a "Cuban Tutorial" which is definitely of interest of the not so experienced listener. Thanks Mark, the floor is yours.

Thought I would give a short tutorial for the newer members on how logging of calls on V2a or M8a family of numbers stations can help in traffic analysis of the stations. Here are my Cuban logs for today March 19, 2005

UTC:1000-, Freq:3025, M8a, ID 35112 77821 61113

UTC:1100-, Freq:4478, M8a, ID 35112 77821 61113 (rpt of 1000z on 3025m)

UTC:1000-, Freq:9323, M8a, ID 23371 64843 23143

UTC:1100-, Freq:10344, M8a, ID 23371 64843 23143 (rpt of 1000z on 9323m)

UTC:1100-, Freq:8136, M8a, ID 28482 37121 47091

UTC:1200-, Freq:9152, M8a, ID 28482 37121 47091 (rpt of 1100z on 8136m)

UTC:1200-, Freq:6933, M8a, ID 10191 42525 41625

UTC:1300-, Freq:7890, M8a, ID 10191 42525 41625 (rpt of 1200z on 6933m)

Please note how logging the calls clearly shows the relationship between the first and second broadcast. Also, if you study the calls on a regular basis, you will clearly see that the last digit in each 5-digit call will advance by one. EX: 35112 77821 61113 which was copied today, may be 35113 77822 xxxx1 tomorrow. The last number currently is being assumed as the number of days the message was broadcast. Normally this 5-digit number changes after the 3rd day, but as you can see by the 1200z and 1300z broadcast, 40625 is an exception to the rule. This message may have been broadcast 5 days in a row. Recently, I have seen the 2200z and 2300z M8a broadcast go as high as 9 days! But 3 will be what is encountered the majority of the time.

As far as the message formats with both V2a and M8a, they consist of 150 5-digit groups. Three messages are normally sent with one being intended for each of the three addressees in the callup. And a further curiosity is that the first and second group are repeated again as the 149th and 150th groups. This is probably some sort of indicator for the encoding/decoding of the messages.

Hope this is of interest to the group. If you would like me to include more numbers info, let me know. There is a lot more on the air than just the Cuban numbers.

The numbers are fun to monitor. It is exciting when you can find a new one, or find one that has been elusive. Finding out a new characteristic about them is also satisfying. It's a lot like putting together a jig-saw puzzle. Discovering a new piece that fits in hopes that someday the whole puzzle will be completed.

Have fun with the hobby!

73's  
Mark

Check also Enigma 2000's Morse Stations Profile which can be downloaded from the N&O website at <http://home.luna.nl/~ary/morse.zip>

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::: M13

Thought I would give another tutorial on one of the morse stations. The enigma designator is M13. I believe he is thought to be from Eastern Europe. If anyone has any more information on this, please let me know. He is not always an easy one to hear. I find it best to copy him from 2100z - 2300z, anything earlier is pure luck to copy.

This network seems to start the UTC day between about 0200z and 0800z and then repeats the message later. Do a database search to catch some of the past intercepts for M13 on the Spooks Database and the Database on Ary Boender's "Numbers and Oddities" site. M13 changes frequencies each month, but will repeat the sked a year later. Usually broadcasts the 1st and 3rd or the 2nd and 4th weeks each month. Each month has one message and the message number advances by one the next month. Messages are usually short, like 20-22 groups. Although, a variant M13d has been known to send over 500 groups for a 5 hour marathon! CW is sent about 5 WPM, so is good practice for those trying to learn morse. The only cut number is 0 which is sent as a T. All the other nine numbers are long. The following is copy I made from today's intercept:

261 (R5) BT 290 22 BT //2105z //10926m

02426 59332 16408 29412 03186  
08956 58481 14003 05521 04416  
08115 52039 04155 31068 44503  
36803 29792 19453 08465 35731  
61245 63640 BT //2108z

261x12 BT 290 22 BT

02426 59332 16408 29412 03186  
08956 58481 14003 05521 04416  
08115 52039 04155 31068 44503  
36803 29792 19453 08465 35731  
61245 63640 BT

0 0 0 //2112z

(End of sked)

#### Note:

A little Enigma shorthand for those who wonder about the x12 and the R5. The x12 means that the call 261 was repeated 12 times, this could have also been represented by R1, which is 1 minute. The R5 means that 261 was repeated for 5 minutes.

After the initial callup for 5 minutes the station sends BT or "=" which is morse shorthand for a break, 290 is the message number and 22 is the group count of the upcoming message. Next months message from 261 will be the message number 291. The message is sent and the BT is sent again. 261 is called again for only 1 minute and then the message is repeated a second time. (If you don't get it the first time, you get another chance!) When the message is concluded, three zeroes (0 0 0) are sent and the station goes down. This is the end of the sked.



Hope you find this of interest. By the way, if you take the time to learn morse (at least the numbers and a few letters) you will find there are many more morse numbers stations than voice stations.

73's  
Mark

<<<<<>>>>>

::: M18

Still sending time strings on 3803 kHz.

<<<<<>>>>>

::: M21

M21 used 2219.5, 3801 and 5201 kHz in March. Id "0".

M21 variant PBSN was heard by John on 13000.5 kHz with plots and strategic flash messages.

"PBSN PBSN WZD" and into long strings of figures. Look Like 16FG."....  
3042169068820515 3042702090093620 30431689192..." 0534 down with "PBSN  
PBSN PBSN AR"

"X X X X X X X PBSN PBSN PBSN 62353 AWKANXE 4838 4932 BETALAKTIN 4052  
9923 UBYT0oNYJ 6914 7390" repeated once.

"X X X X X X X PBSN PBSN 07648 ISHIMBIN 1688 8383" repeated once.

"X X X X X X X PBSN PBSN 33526 TATARSKIJ 6550 3710 FRUKTOWOZ 1002 0284"  
repeated once.

<<<<<>>>>>

::: M87

A couple of reports from our Russian friend, Igor:

7429 kHz, 7-3, 1400 UTC. Mode: CW. 5FGs, cut numbers.

682 682 91 91 (R)  
= = 058 058 20 20 = =  
a3t3u duau3 n76t5 u34d4 5t557 unt43 ud4dn 56una 5d33a 3d7nu  
4657t a5n7a 3466t 437na t6355 7d757 4n7da au5u6 d4utn 75564  
= =  
333 333

= = 058 058 20 20 = =  
a3t3u duau3 n76t5 u34d4 5t557 unt43 ud4dn 56una 5d33a 3d7nu  
4657t a5n7a 3466t 437na t6355 7d757 4n7da au5u6 d4utn 75564  
= =  
000 000 ttt

16420 kHz, 1-3, 0330 UTC. Mode: CW. 5FGs, cut numbers. M87 variant.

000 sent very rarely.

... 154 154 154 154 154 000  
154 154 154 154 154 154 154 154 154 154 154 154 154 154 154 154 154  
154 154 154 154 154 154 154 154 154 154 154 154 154 154 154 154 154  
154 154 154 154 154 154 154 154 154 154 154 154 154 154 154 154 154  
154 154 154 154 154 154 154 154 154 154 154 154 154 154 154 154 154  
154 154 154 154 154 154 154 154 154 154 000

9840 kHz, 1-3, 0130 UTC. Mode: CW. 5FGs, cut numbers. M87 variant.

249 249 249 000 000 000  
249 249 249 000 000 000  
249 249 249 000 000 000  
249 249 249 000 000 000  
249 249 249 000 000 000  
249 249 249 000 000 000  
249 249 249 000 000 000  
249 249 249 000 000 000

<<<<<>>>>>

::: M89

"V CP17 CP17 CP17 DE L9CC L9CC" on 3527, 3550, 3552, 7068.9, 7070.4,  
7062.9, 7063.3, 7072 kHz  
"V XY5V XY5V XY5V DE 4PPW 4PPW" on 3846 kHz.

-0-0-0-0-0-0-0-0-0-0-

\* VARIOUS MODES \*

S28, buzzing on 4625 kHz

S30, pipping on 3756 kHz

XSL, Japanese Navy a.k.a. "the Slot Machine" on 4153, 4231.5, 4291,

6250, 6417, 6445, 8313, 8588, 8703.5 kHz

XSW, squeaking on 3828.9 and 5474 kHz

Mike reported an interesting catch on 3828.9 kHz on 21-3 at 1841 UTC. He caught a Russian lady reading a short message consisting of 3FGs: "For 544: 384 388 290, For 544: 384 388 290".

You can hear the recording via Mike's website at <http://mysite.wanadoo-members.co.uk/theseecretsiteofmike/mikes.htm>  
Click on the Kremlin for the sample.

Voice traffic was copied by Mike and Manolis at  
1840 UTC on 16-3, 3828.9 kHz  
1520 UTC on 17-3, 5474 kHz  
1841 UTC on 21-3, 3828.9 kHz  
1912 UTC on 22-3, 3828.9 kHz  
2025 UTC on 23-3, 3828.9 kHz  
1830 UTC on 24-3, 3828.9 kHz  
2019 UTC on 26-3, 3828.9 kHz

XM, whaling on 4717 kHz

JAMMERS - China : 1557, 7310, 9680, 11765 kHz  
- Iran : 3875, 3930, 3960, 4381, 4391, 4609, 6401, 6420,  
11620, 11625 kHz  
- Morocco: 1550, 7460 kHz  
- Unid : 1116 kHz, jamming the Voice of Kurdistan in Iraq.

-0-0-0-0-0-0-0-0-0-0-

★ UNID STATIONS ★

I received two Unids from Igor.

::: 03T

5034 kHz, 10-3, 0012 UTC. Mode: CW

v v v f8p f8p f8p de o3t o3t qru id 246 246 246  
v v v f8p f8p f8p de o3t o3t qru id 246 246 246  
v v v f8p f8p f8p de o3t o3t qru id 246 246 246  
v v v f8p f8p f8p de o3t o3t qru id 246 246 246  
t82 t82 va va tt

<<<<<>>>>>

::: UNID 6434 kHz

6434 kHz, 10-3, 0039 UTC. Mode: CW

46 52 51 53 52 51 52 54 = 46 52 51 53 52 51 52 54 =  
46 52 51 53 42 51 52 54 = 46 52 51 53 42 51 52 54 =  
46 52 51 53 42 51 52 54 = 46 52 51 = 46 52 51 =  
46 52 51 = 46 52 51 = 46 52 51 = 46 52 51 = 46 52 51 =  
46 52 51 = 4835 5t394634 = 14182 = t2 = t2 = t2 = t2 =  
t2 = t2 = t2 = 13431 = 14442 = 12 = 14442 = 12678 =  
12252 = 14441 = 13434 = 13426 = 14442 = 14442 = 14444 =  
12681 = 12253 = 11151 = 34423 95935 42494 54651 5249 =  
1 = 13 = 11 = 12 = 11 = 123 = 12 = 1 = t1 = 3 = 32 =  
59 = 29 = 18 = 3 = 33 = 3 = 31 = 32 = 39 = 21 = 31 =  
315839435352 = 2t1 = 21t6 = 24 = ...

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::: UNID 3322 kHz

Possibly Chinese Air Defence heard on 3322 kHz in CW.

616 615 615 40719 40719 (repeated)  
616 615 615 40523 40523 (repeated)  
040 040 040 02  
040 01  
615 615 615 615 615 3333 15 ...

(Logged by Jim)

-0-0-0-0-0-0-0-0-0-0-

#### \* MILITARY STATIONS \*

NOBLE MARLIN 2005, the world's largest Anti-Submarine Warfare exercise, took place in the Ionian Sea from 3rd to 16th March. The NATO exercise included submarines, surface ships and maritime patrol aircraft from ten NATO nations.

Frequencies used: 2350.5, 2840, 3324.5, 4478.6, 4741.5, 6721.5, 5270 kHz of which 4741.5 kHz was the most active one. The stations were using the usual tactical callsigns like L, FE, GC, BF, MG, VE, BP, BC, AD, N, CF, E, FT, KF, DF, I, DC, FS, LT, FN, HD, SB, AD, D and FN.

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An UK Air Defense exercise was one of a number of military exercises in March. Comms could be observed on 4718 kHz which was often used by RAF Boulmer who was working with AWACS and other stations on this frequency.

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::: RUSSIAN / CIS / UKRANIAN MILITARY STATIONS

Frequency QSX	Remarks / callsigns
0018.1	RDL: strategic flash msg "xxx xxx rdl rdl 47223 27931 uhwat 8251 9115 k"
2013.5	RCB: Russian Naval Aviation West Sector wkg RIC89, RAY96, "RAY96 de RCB QSA?"
2721	REA4: Russian Air Force Moscow // 5157 and 4379 kHz
3207	Russian Mil: L6YC transmitting from 15-25 and 45-55 Previous loggings: 3/14/04 3699 kHz VTI8 26-36 and 56-06 minutes 5/01/04 3698 kHz SF03 07-17 and 37-47 minutes 5/31/04 3698 kHz IGAE 10-20 and 40-50 minutes 9/27/04 3700 kHz UXU0 25-35 and 55-05 minutes 10/7/04 3700 kHz NELC 10-20 and 40-50 minutes 12/2/04 3420 kHz U34D 25-35 and 55-05 minutes 12/22/04 3517 kHz NELC 10-20 and 40-50 minutes 2/01/05 3205 kHz L6YC 10-20 and 40-50 minutes 14/02/05 3265 kHz Q7JN 25-35 and 55-05 minutes
3347	CIS Mil: ZIG6
3348	Russian Mil: GTVS, VMH2, TKTR, LVW8, J2JC, ZI7T, PAOF, QD8M, E1T1
3365.5	RCB: Russian Naval Aviation West Sector
3538	WM9I, T5NV
3829	Ukranian Mil: LZHZ, A4HS, MHI5, 6J6D, VMPF, CZTY, K4ZY, ZBLV
3832	Ukranian Mil: TSMW. Gives R 254 K at end of NCS' message on 4051 kHz
3893	Russian Mil: WETN, TWYL, B1N9
3899	Russian Mil: KUAM, DQNY, 3IKX. "3IKX 220 26 27 0045 220 = ZVW 010 = UEGAZ FSEDQ ^^HIO ... ^IPTy WUPWW 010 K."

3933		Russian Mil: RFFP, RFFN, RFFM
4021		Russian Mil: BME8, ETET, FS48, GPYC, 6NQZ, NZX1, 4YXN
4051	3832	Ukranian Mil: IRIN, LA7F, FN4N, CE9T, QIG5, 7EE5, M9BP
4379		REA4: Russian Air Force Moscow
4447	3899	Russian Mil: VYLU, GRV6, MJHF, WJLQ, WRGX
4456	3954	Russian Mil: XPXV
4456		Russian Mil: TPMP, I3LA, QGZY, QI1P
5400.5		Russian navy: "RKN RKN RKN qtc 714 125 11 0635 714 = prognoz pogody s 0900 1_/03 do 0900 11/03=05g sewernyj kaspij ..."
5157		REA4: Russian Air Force Moscow
5407	5851	Russian Mil: 8YP9, BDQQ, PSVH
7041		Russian Mil
8146		Russian Mil
8816		52247: Russian Naval Aircraft RPT AL K to (inaudible) RJF94/Central Section Stn, Moscow. RCB/Western Sector also repeats back. RJC38: Russian Naval Air Northern Sector Station, Murmansk calls aircraft 52234. RCB: Russian Naval Air Western Sector wkg aircraft 52247 who sends atatus msg QTO 1323 QRD XLLP XLOS QRE 1425 QAH 4200 QBD 5200 RPT AL K. RJF94
9145		Russian navy: "RIT81 de RIW k"
9193		REA4: Russian Air Force Moscow
11408		REA4: Russian Air Force Moscow // 12736 kHz
12606		CIS Mil?: "J01C J01C J01C DE ML7K ML7K ZBU ZSL ZWS QCT9 K" or "PE01C J01C DE ML7K ML7K QBE QYT9 K"
12736		REA4: Russian Air Force Moscow // 11408 kHz
13004		Rus Mil: 4MTT, SSLI, HXVA

13852                    Rus Mil: ZQL0, 5HCD, LCNM, H9A5, L4Z2, TWPk, HBD9, 4CCW

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::: US MILITARY STATIONS

Compiled by Ron.

Notes:

- Only logs with substantive information are included. Units that were only noted sounding in ALE or in voice radio checks are logged in section 4.
- All freq are kHz and times UTC.

1) U.S. COAST GUARD:

- 7527 LNT (Camslant): 2122 in USB/ALE & voice w/J17 (HH-60J #6017 CGAS Clearwater) w/position report (2744N/8309W). 1535 USB/ALE & voice w/J15 (HH-60J #6015 CGAS Clearwater -very weak) w/"ops normal" & position report.
- 10242 LNT (Camslant): 1555 in USB/ALE & voice w/F04 (HU-25 #2104 CGAS Miami--not heard) in position report (2746N/9726W).
- 11494 TSC (CBP Orlando, FL Customs National Law Enforcement Comms Center -- Technical Service Center): 1917 USB/ALE TO NMH (USCG Alexandria VA (probably TISCOM-Telecommunications and Information Systems Command, Alexandria, VA ). NMH also noted sounding on 5732 & 7527 kHz
- 13907 PAC (USCG CAMSPAC Point Reyes, CA): 1813 in USB/ALE & voice w/J05 (HH-60J #6005 CGAS Astoria--not heard) w/position report.
- 18594 Camslant Chesapeake: 1530 USB w/CG 1500 (HC-130H #1500, CGAS Elizabeth City--not heard) w/"ops normal" report. At 1538 on 08912.0 CG1500 (very weak) in USB/ALE & voice w/"ops normal" & position (3646N/7619W) report.
- 20890 LNT (Camslant): 1532 USB/ALE & voice w/J42 (MH-60J #6042 CGAS Elizabeth City--not heard) w/"ops normal" report. Also seen as 042 in USB/ALE w/LNT.

F04- HU-25    #2104, CGAS Miami  
F35- HU-25    #2135, CGAS Corpus Christi  
F41- HU-25    #2141, CGAS Cape Cod  
J01- HH-60J   #6001, CGAS Elizabeth City

J14- MH-60J #6014, CGAS Elizabeth City  
J15- HH-60J #6015, CGAS Clearwater  
J42- MH-60J #6042, CGAS Elizabeth City  
500- HC-130H #1500, CGAS Elizabeth City  
502- HC-130H #1502, CGAS Elizabeth City  
720- HC-130H #1720, CGAS Clearwater  
790- HC-130H #1790, CGAS Kodiak (also noted on TISCOM net)

## 2) CUSTOMS & BORDER PATROL (CBP):

13907 T59 (CBP BEECH A200 #N1559, San Diego AMB): 1802 in weak USB/ALE & encrypted voice w/CNT (CBP Central Regional Communications Node).

A44- UH-60 tail # 79-23344 Riverside or San Diego Air Branch  
D31- P-3B "Slick" #N431SK/BuNo 153431, Jacksonville AMB, FL  
D48 - P-3 AEW&C #N148CS/BuNo 154575, Corpus Christi AMB, TX  
D45- P-3 AEW&C #N145CS/BuNo 155299, Jacksonville AMB, FL  
D46- P-3 AEW&C #N146CS/BuNo 154605, Jacksonville AMB, FL  
D70- P-3A "Slick" #N16370/BuNo 152170, Corpus Christi AMB, TX  
I00- CESSNA 550 #N1200N, logged on UHF in Arizona  
I08- CESSNA 550 #N5408G, logged on UHF in Arizona  
I55- CESSNA 550 #N1255K, Miami AMB  
I97- CESSNA 550 #N797CW, logged on UHF in Arizona  
MV5- unidentified  
T6P- unidentified CBP Aircraft  
T91 - PIPER PA-42-720R #N9091J, Jacksonville, FL AMB

## 3) OPERATIONS BAHAMAS TURKS & CAICOS (OPBAT):

OPB- OPBAT Service Center, Nassau, Bahamas  
X93- US Army UH-60L tail # 94-26593 2-3rd AVN

## 4) OTHER UNITS NOTED:

DL1- unidentified  
TSC- CBP Orlando, FL Customs National Law Enforcement Communications Center -- Technical Service Center  
CS2- COTHEN Remote Memphis, TN  
EST- CBP Eastern Regional Communications Node  
WST- CBP Western Regional Communications Node  
CRB- CBP Caribbean Regional Communications Node  
LNT- USCG CAMSLANT Chesapeake, VA  
PAC- PAC USCG CAMSPAC Point Reyes, CA  
503- USCG HC-130H #1503, CGAS Elizabeth City



720- USCG HC-130H #1720, CGAS Clearwater  
 A70- CBP UH-60 tail # 82-23670, poss. Caribbean AMB  
 CS2- COTHEN Remote Memphis, TN  
 CS5- COTHEN Remote Wilmington, NC  
 D41- CBP P-3B "Slick" #N741SK/BuNo 152741, Jacksonville AMB, FL  
 D43- CBP P-3 AEW&C #N143CS/BuNo 153447, Corpus Christi AMB, TX  
 D47- CBP P-3 AEW&C #N147CS/BuNo 152722, Jacksonville AMB, FL  
 D90- CBP P-3A "Slick" #N15390/BuNo 151390, Corpus Christi AMB, TX  
 F35- USCG HU-25 #2135 CGAS Corpus Christi  
 F40- USCG HU-25 #2140 CGAS Cape Cod  
 F41- USCG HU-25 #2141 CGAS Cape Cod  
 I00- CBP CESSNA 550 #N1200N, logged on UHF in Arizona  
 I01- CBP CESSNA 550 #N37201San Diego AMB  
 I31- CBP CESSNA 550 #N2531K, San Diego AMB, CA  
 I52- CBP CESSNA 550 #N752CC, SW US  
 J09- USCG MH-60J #6009 CGAS Elizabeth City  
 J14- USCG MH-60J #6014 CGAS Elizabeth City  
 J23- USCG HH-60J #6023 ATC Mobile  
 J25- USCG HH-60J #6025 CGAS Clearwater  
 J28- USCG HH-60J #6028 CGAS Cape Cod  
 J31- USCG HH-60J #6031 CGAS Elizabeth City  
 T9A- CBP PIPER PA-42-720R #N9279A, Jacksonville, FL AMB  
 T59- CBP BEECH A200 #N1559, San Diego AMB  
 X52- US Army UH-60L tail # 94-26552 2-3rd AVN

-0-0-0-0-0-0-0-0-0-0-

\* INTELLIGENCE NEWS \*

::: UKRAINE

KIEV, March 1 (Itar-Tass) -- Ukrainian President Viktor Yushchenko has dismissed Foreign Intelligence Service head Oleg Sinyavsky, the presidential press service told Itar-Tass. Sinyavsky headed the Foreign Intelligence Service last October, when the service was established on the basis of the intelligence department and regional intelligence divisions of the Ukrainian Security Service.

<<<<>>>>

::: USA

I read this in a report from FAS:

The National Counterintelligence Executive (NCIX) unveiled a new counterintelligence strategy, approved by the President on March 1.

A copy of the deliberately vague "National Counterintelligence Strategy

of the United States" may be found here:

<http://www.fas.org/irp/ops/ci/cistrategy.pdf>

-0-0-0-0-0-0-0-0-0-0-

\* LOGS SECTION \*

2219.5 M21 PVO =992214??0????? CW 6-3-2005 Sun 1914 (AB)  
2270.0 E10 Calling JSR//5091kHz YL/EE 5L Msg Gr 97 = VQSBI JUEAM  
AWQOA = USB 18-3-2005 Fri 1830 (NS)  
2626.0 E10 Calling "FTJ"//4461kHz YL/EE Msg Gr 41 = KUSEL AJHNY  
VAGAC = USB 4-3-2005 Fri 0100 (NS)  
2626.0 E10 Calling "FTJ"//4461kHz YL/EE 5L Msg follows. USB  
16-3-2005 Wed 0100 (NS)  
2626.0 E10 Calling FTJ//4461kHz YL/EE 5L Msg Gr 76 = MEBPQ ZCBCT  
MEOIC = USB 18-3-2005 Fri 2000 (NS)  
2626.0 E10 Calling FTJ//4461kHz YL/EE 5L Msg Gr 34 = KCGQT BCSBF  
WCEYX = USB 31-3-2005 Thu 2131 (NS)  
2741.0 E10 Calling ULX//4880kHz YL/EE 2 Msg Gr 89 = IFGUP NGLST  
KPWKC = Msg Gr 63 = WLDAN M USB 18-3-2005 Fri 2130  
(NS)  
2743.0 E10 Calling "ULX"//4880kHz YL/EE 2 Msg Gr 97 = LBZLF JUQAU  
HEVNM = & Msg Gr 28 = YUZ USB 2-3-2005 Wed 2230 (NS)  
2743.0 E10 Calling "ULX"//4880kHz YL/EE Msg Gr 23 = CWCMG ASUDY  
MTFJY = USB 4-3-2005 Fri 0030 (NS)  
2743.0 E10 Calling "ULX"//4880kHz YL/EE 5L Msg Gr 40 = FXPYY  
ZOPNH USSMT = USB 16-3-2005 Wed 0030 (NS)  
2743.0 E10 Calling "ULX 2"//4880kHz YL/EE No further traffic. USB  
16-3-2005 Wed 0200 (NS)  
2743.0 E10 Calling ULX//4880kHz YL/EE 5L Msg Gr 40 = FXPYY ZOPNH  
USSMT = USB 19-3-2005 Sat 0030 (NS)  
2743.0 E10 Calling ULX2 YL/EE No further traffic. USB 27-3-2005  
Sun 2100 (NS)  
2743.0 E10 Calling ULX//4880kHz YL/EE 5L QTC 2 Msg (1) Gr 89 =  
IFGUP NGLST KPWKC = Msg (2) USB 27-3-2005 Sun 2230  
(NS)  
2743.0 E10 Calling ULX2//4880kHz YL/EE No further traffic. USB  
27-3-2005 Sun 2231 (NS)  
2743.0 E10 Calling ULX2 YL/EE No further traffic. USB 30-3-2005  
Wed 1901 (NS)  
2743.0 E10 Calling ULX2//4880kHz YL/EE No further traffic. USB  
31-3-2005 Thu 2231 (NS)  
2844.0 E10 Calling "YHF"//3840kHz YL/EE 5L Msg. USB 4-3-2005 Fri  
0000 (NS)  
3025.0 M08a ID 35112 77821 61113 CW 19-3-2005 Sat 1000 (MS)  
3148.7 E10 Calling PCD2 (Slightly off frequency)//4270kHz YL/EE  
No further traffic. USB 30-3-2005 Wed 2301 (NS)

3150 E10 PCD 1 AM 29-3-2005 Tue 2004 (AB)  
 3150.0 E10 Calling "PCD 2"//4270 & 6498kHz YL/EE No further traffic heard. USB 1-3-2005 Tue 0030 (NS)  
 3150.0 E10 Calling "PCD 2"//4270kHz YL/EE No further traffic. USB 3-3-2005 Thu 2300 (NS)  
 3150.0 E10 Calling "PCD 2"//4270&6498kHz YL/EE No further traffic. USB 4-3-2005 Fri 0030 (NS)  
 3150.0 E10 Calling "PCD 2"//4270&6498kHz YL/EE No further traffic. USB 16-3-2005 Wed 0030 (NS)  
 3150.0 E10 Calling PCD//4270kHz YL/EE 5L Msg Gr 93 = DNZHX OTJDM YEZTT = USB 18-3-2005 Fri 2030 (NS)  
 3150.0 E10 Calling PCD2 YL/EE No further traffic. USB 18-3-2005 Fri 2200 (NS)  
 3150.0 E10 Calling PCD2//4270kHz YL/EE No further traffic. USB 19-3-2005 Sat 0030 (NS)  
 3150.0 E10 Calling PCD2 YL/EE No further traffic. USB 27-3-2005 Sun 2100 (NS)  
 3150.0 E10 Calling PCD2//4270kHz YL/EE No further traffic. USB 27-3-2005 Sun 2201 (NS)  
 3150.0 E10 Calling PCD2//6498&4270kHz YL/EE No further traffic. USB 27-3-2005 Sun 2230 (NS)  
 3150.0 E10 Calling PCD1//4270kHz YL/EE No further traffic. USB 30-3-2005 Wed 1901 (NS)  
 3150.0 E10 Calling PCD2//4270kHz YL/EE No further traffic. USB 31-3-2005 Thu 2201 (NS)  
 3150.0 E10 Calling PCD2//4270kHz YL/EE No further traffic. USB 31-3-2005 Thu 2301 (NS)  
 3204.2 MX Channel marker "L" CW 2-3-2005 Wed 2111 (AB)  
 3206.0 E10 Calling "YHF" New frequency//4711kHz YL/EE 5L Msg Gr 84 = IBEIA KXVZQ NHJLK = USB 16-3-2005 Wed 0100 (NS)  
 3206.0 E10 Calling "YHF"//4711kHz YL/EE 5L Msg Gr 84 = IBEIA KXVZQ NHJLK = USB 16-3-2005 Wed 0200 (NS)  
 3206.0 E10 Calling YHF//4711kHz YL/EE 5L Msg follows. AM 18-3-2005 Fri 2100 (NS)  
 3206.0 E10 Calling YHF//4711kHz YL/EE 5L Msg Gr 26 = YMMGC BSMTU RJJQG = USB 18-3-2005 Fri 2200 (NS)  
 3206.0 E10 Calling YHF//4711kHz YL/EE 5L Msg Gr 26 = YMMGC BSMTU RJJQG = USB 19-3-2005 Sat 0100 (NS)  
 3230.0 E10 VLB, no msg // 4360 // 6370 AM 7-3-2005 Mon 2230 (RNL)  
 3245.0 V02a A69033 333.2 61.31 (garbled and distorted audio, this should have been an M8a sk AM 19-3-2005 Sat 1000 (MS)  
 3270.0 E10 Calling CI02//4165kHz YL/EE No further traffic. USB 19-3-2005 Sat 0145 (NS)  
 3270.0 E10 Calling CI02//4165kHz YL/EE No further traffic. USB 28-3-2005 Mon 1846 (NS)  
 3270.0 E10 Calling CI02//4165kHz YL/EE No further traffic. USB 30-3-2005 Wed 1646 (NS)  
 3270.0 E10 Calling CI02//4165kHz YL/EE No further traffic. USB

31-3-2005 Thu 2127 (NS)  
 3270.0 E10 Calling CI02//4165kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2246 (NS)  
 3292.0 V02a In Progress//YB400//KHRT USB 1-3-2005 Tue 0400 (GS)  
 3297.0 V02a A 83891 23963 61243 AM 3-3-2005 Thu 0500 (BM)  
 3360.0 E10 Calling "KPA2"//4648kHz YL/EE No further traffic. USB  
 1-3-2005 Tue 0015 (NS)  
 3360.0 E10 Calling KPA2//4648kHz YL/EE No further traffic. USB  
 19-3-2005 Sat 0115 (NS)  
 3360.0 E10 Calling KPA2//4648kHz YL/EE No further traffic. USB  
 28-3-2005 Mon 2216 (NS)  
 3360.0 E10 Calling KPA2//4648kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2216 (NS)  
 3378.0 M08a ID 35113 96401 94961 CW 26-3-2005 Sat 1100 (MS)  
 3389.0 V02a AM 7-3-2005 Mon 0100 (SE-c)  
 3415.0 E10 Calling "ART"//5435kHz YL/EE Msg Gr 82 = BHTSX BJSTD  
 SFVZZ = USB 3-3-2005 Thu 2230 (NS)  
 3415.0 E10 Calling "ART"//5437kHz YL/EE Msg Gr 26 = MLPEO NCYGI  
 YIYG = USB 4-3-2005 Fri 0030 (NS)  
 3415.0 E10 Calling "ART"//5435kHz YL/EE Msg Gr 24 = OIYJZ FHTSY  
 JNAXQ = USB 4-3-2005 Fri 0130 (NS)  
 3415.0 E10 Calling "ART 2"//5435kHz YL/EE No further traffic. USB  
 4-3-2005 Fri 0200 (NS)  
 3415.0 E10 ART, 82, BHTSX (rpt @ 2242) AM 7-3-2005 Mon 2234 (RNL)  
 3415.0 E10 Calling "ART"//5435kHz YL/EE 5L Msg Gr 24 = OIYJZ  
 FHTSY JNAXQ = USB 16-3-2005 Wed 0130 (NS)  
 3415.0 E10 Calling ART2//5435kHz YL/EE No further traffic. USB  
 17-3-2005 Thu 1700 (NS)  
 3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 29 = QFQUQ DIJKX  
 CKASC = USB 18-3-2005 Fri 2030 (NS)  
 3415.0 E10 Calling ART2 YL/EE No further traffic. USB 18-3-2005  
 Fri 2130 (NS)  
 3415.0 E10 Calling ART2 YL/EE No further traffic. USB 18-3-2005  
 Fri 2200 (NS)  
 3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 24 = OIYJZ FHTSY  
 JNAXQ = USB 19-3-2005 Sat 0130 (NS)  
 3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 21 = AUCDX KPQWK  
 JQUGG = USB 21-3-2005 Mon 2300 (NS)  
 3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 28 = FYOUM WVMPN  
 KUEVZ = USB 23-3-2005 Wed 1730 (NS)  
 3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 38 = OWDND CHKMW  
 LHORS = USB 27-3-2005 Sun 2100 (NS)  
 3415.0 E10 Calling ART2 YL/EE No further traffic. USB 27-3-2005  
 Sun 2200 (NS)  
 3415.0 E10 Calling ART2//5435kHz YL/EE No further traffic. USB  
 27-3-2005 Sun 2201 (NS)  
 3415.0 E10 Calling ART2//5435kHz YL/EE No further traffic. USB  
 27-3-2005 Sun 2230 (NS)

3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 82 = BHTSX BJSTD  
 SFVZZ = USB 27-3-2005 Sun 2231 (NS)  
 3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 21 = AUCDX KPQWK  
 JQUGG = USB 27-3-2005 Sun 2301 (NS)  
 3415.0 E10 Calling ART2//5435kHz YL/EE No further traffic. USB  
 28-3-2005 Mon 1831 (NS)  
 3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 28 = FYOUM WVMPN  
 KUEVZ = USB 30-3-2005 Wed 1731 (NS)  
 3415.0 E10 Calling ART2//5432.6kHz YL/EE No further traffic. USB  
 30-3-2005 Wed 1901 (NS)  
 3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 21 = AUCDX KPQWK  
 JQUGG = USB 30-3-2005 Wed 2301 (NS)  
 3415.0 E10 Calling ART2//5435kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2131 (NS)  
 3415.0 E10 Calling ART2//5435kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2201 (NS)  
 3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg follows. USB  
 31-3-2005 Thu 2231 (NS)  
 3415.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 21 = AUCDX KPQWK  
 JQUGG = USB 31-3-2005 Thu 2301 (NS)  
 3417.0 E10 Calling "ART"//5437kHz YL/EE 5L Msg Gr 70 = YVAUK  
 OUOGL ZXBSR = USB 16-3-2005 Wed 0030 (NS)  
 3417.0 E10 Calling ART//5435kHz YL/EE 5L Msg Gr 15 = NIZCD PYFOB  
 QFJSZ = USB 18-3-2005 Fri 2000 (NS)  
 3417.0 E10 Calling ART//5437kHz 5L Msg Gr 70 = YVAUK OUOGL ZXBSR  
 = USB 19-3-2005 Sat 0030 (NS)  
 3417.0 E10 Calling ART//5437kHz YL/EE 5L Msg Gr 70 = YVAUK OUOGL  
 ZXBSR = USB 29-3-2005 Tue 0031 (NS)  
 3557.0 E10 Calling MIW2 YL/EE No further traffic. USB 30-3-2005  
 Wed 1916 (NS)  
 3557.0 E10 Calling MIW2 YL/EE No further traffic. USB 31-3-2005  
 Thu 2216 (NS)  
 3640.0 E10 Calling SYN2//6930kHz YL/EE No further traffic. USB  
 18-3-2005 Fri 2045 (NS)  
 3640.0 E10 Calling SYN2//6930kHz YL/EE No further traffic. USB  
 18-3-2005 Fri 2145 (NS)  
 3640.0 E10 Calling SYN2//4015&6930kHz YL/EE No further traffic.  
 USB 19-3-2005 Sat 0145 (NS)  
 3640.0 E10 Calling SYN2//4015&6930kHz YL/EE No further traffic.  
 USB 28-3-2005 Mon 1846 (NS)  
 3640.0 E10 Calling SYN2//4015&6930kHz YL/EE No further traffic.  
 USB 31-3-2005 Thu 2146 (NS)  
 3640.0 E10 Calling SYN2//4015&6930kHz YL/EE No further traffic.  
 USB 31-3-2005 Thu 2246 (NS)  
 3658 MX Channel marker "V" CW 15-3-2005 Tue 2213 (AB)  
 3756 S30 The Pip CW 2-3-2005 Wed 2104 (AB)  
 3803 M18 Time strings UTC+3 CW 2-3-2005 Wed 2110 (AB)  
 3828.9 XSW Squeaky Wheel 2-3-2005 Wed 2109 (AB)

3828.9 XSW Message in Russian 21-3-2005 1841 (MUK)  
3828.9 XSW Message in Russian 22-3-2005 1912 (MUK)  
3828.9 XSW Message in Russian 23-3-2005 2025 (MUK)  
3828.9 XSW Message in Russian 24-3-2005 1830 (MUK)  
3830 E10 YHF 66 IELGL AM 2-3-2005 Wed 1900 (E12)  
3830 E10 YHF 116 ????? 53 QFWH? AM 3-3-2005 Wed 1900 (E12)  
3830 E10 YHF 2 AM 6-3-2005 Sun 1900 (E12)  
3830 E10 YHF 1 AM 7-3-2005 Mon 1900 (E12)  
3830 E10 YHF 111 JYEIS ?? ????? AM 10-3-2005 Thu 1900 (E12)  
3830 E10 YHF 115 OUFLM AM 11-3-2005 Fri 1900 (E12)  
3830 E10 YHF 98 CYZKO AM 12-3-2005 Sat 1900 (E12)  
3830 E10 YHF 98 CYZKO AM 14-3-2005 Mon 1900 (E12)  
3830 E10 YHF 84 IBEIA AM 15-3-2005 Tue 1900 (E12)  
3830 E10 YHF 98 CYZKO AM 15-3-2005 Tue 1900 (E12)  
3830 E10 YHF 26 YMMGC AM 18-3-2005 Fri 1900 (E12)  
3830 E10 YHF 26 YMMGC AM 19-3-2005 Sat 1900 (E12)  
3840.0 E10 Calling "YHF 2"//4560kHz YL/EE No further traffic. USB  
2-3-2005 Wed 2230 (NS)  
3840.0 E10 Calling "YHF 2"//4560kHz YL/EE No further traffic. USB  
3-3-2005 Thu 2300 (NS)  
3840.0 E10 Calling "YHF"//2844kHz YL/EE 5L Msg. USB 4-3-2005 Fri  
0000 (NS)  
3840.0 E10 Calling YHF2 YL/EE No further traffic. USB 31-3-2005  
Thu 2201 (NS)  
3840.0 E10 Calling YHF2//4560kHz YL/EE No further traffic. USB  
31-3-2005 Thu 2301 (NS)  
3846 M89 V XY5V XY5V XY5V DE 4PPW 4PPW CW 30-3-2005 1520 (TI)  
3926.0 M08a ID ----- 22094 01702 (late start) CW 6-3-2005 Sun 1000  
3926.0 M08a ID 63342 51863 04882 CW 27-3-2005 Sun 1000 (MS)  
4015.0 E10 Calling SYN2//3640&6930kHz YL/EE No further traffic.  
USB 19-3-2005 Sat 0145 (NS)  
4015.0 E10 Calling SYN2//3640&6930kHz YL/EE No further traffic.  
USB 28-3-2005 Mon 1846 (NS)  
4015.0 E10 Calling SYN2//6930kHz YL/EE No further traffic. USB  
30-3-2005 Wed 1646 (NS)  
4015.0 E10 Calling SYN2//3640&6930kHz YL/EE No further traffic.  
USB 31-3-2005 Thu 2146 (NS)  
4015.0 E10 Calling SYN2//3640&6930kHz YL/EE No further traffic.  
USB 31-3-2005 Thu 2246 (NS)  
4016.0 S11A 971/00 AM 2-3-2005 Wed 2100 (HFD)  
4017.0 V02a In Progress//YB400//KHRT USB 1-3-2005 Tue 0330 (GS)  
4027.0 M08a ID 84681 80352 98893 CW 5-3-2005 Sat 1100 (MS)  
4027.0 M08a ID 80962 94952 82852 CW 12-3-2005 Sat 1100 (MS)  
4027.0 M08a ID 83253 70423 53725 (this should have been the rpt of  
1000z on 3245m, but V2a w CW 19-3-2005 Sat 1100 (MS)  
4027.0 M08a ID 63341 04881 51862 CW 26-3-2005 Sat 1100 (MS)  
4028.0 V02 In progress. Weak signal. LSB 7-3-2005 Mon 0608 (WW)  
4028.0 V02 In Progress//S800M//Brooklyn USB 10-3-2005 Thu 0600

4028.0 V02a A 83892 23964 61244 - last digits +1 compared to  
 3297/0500 prior day AM 4-3-2005 Fri 0600 (BM)  
 4153 XSL Slot Machine 30-3-2005 1526 (TI)  
 4165 E10 CI02 AM 2-3-2005 Wed 1945 (E12)  
 4165 E10 CI02 AM 3-3-2005 Wed 1945 (E12)  
 4165 E10 CI02 AM 6-3-2005 Sun 1945 (E12)  
 4165 E10 CI02 AM 7-3-2005 Mon 1945 (E12)  
 4165 E10 CI02 AM 10-3-2005 Thu 1945 (E12)  
 4165 E10 CI02 AM 11-3-2005 Fri 1945 (E12)  
 4165 E10 CI02 AM 12-3-2005 Sat 1945 (E12)  
 4165 E10 CI02 AM 14-3-2005 Mon 1945 (E12)  
 4165 E10 CI02 AM 15-3-2005 Tue 1945 (E12)  
 4165 E10 CI02 AM 15-3-2005 Tue 1945 (E12)  
 4165 E10 CI02 AM 18-3-2005 Fri 1945 (E12)  
 4165 E10 CI02 AM 19-3-2005 Sat 1945 (E12)  
 4165.0 E10 CIO, no msg AM 7-3-2005 Mon 2242 (RNL)  
 4165.0 E10 Calling CI02 YL/EE No further traffic. USB 18-3-2005  
 Fri 2145 (NS)  
 4165.0 E10 Calling CI02//3270kHz YL/EE No further traffic. USB  
 19-3-2005 Sat 0145 (NS)  
 4165.0 E10 CI02 USB 20-3-2005 Sun 2145 (JS3)  
 4165.0 E10 CI02 USB 21-3-2005 Mon 2245 (JS3)  
 4165.0 E10 Calling CI02//3270kHz YL/EE No further traffic. USB  
 28-3-2005 Mon 1846 (NS)  
 4165.0 E10 Calling CI02//3270kHz YL/EE No further traffic. USB  
 30-3-2005 Wed 1646 (NS)  
 4165.0 E10 Calling CI02//3270kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2131 (NS)  
 4165.0 E10 Calling CI02//3270kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2246 (NS)  
 4173.0 M08a ID 11242 22094 01702 (rpt of 1000z on 3926m) CW  
 6-3-2005 Sun 1100 (MS)  
 4173.0 M08a ID 80963 82853 94953 CW 13-3-2005 Sun 1100 (MS)  
 4173.0 M08a ID 70521 53726 27161 CW 20-3-2005 Sun 1100 (MS)  
 4173.0 M08a ID 63342 51863 04882 (rpt of 1000z on 3926m) CW  
 27-3-2005 Sun 1100 (MS)  
 4174.0 V02a i/p AM 28-3-2005 Mon 0318 (BM)  
 4191.0 ? Unid CW very fast and clean but stop-n-go chars CW  
 4-3-2005 Fri 0003 (Vambo)  
 4231.5 XSL Slot Machine 30-3-2005 1526 (TI)  
 4270 E10 PCD 16 ELOID AM 2-3-2005 Wed 1900 (E12)  
 4270 E10 PCD 16 RDCRC AM 2-3-2005 Wed 1930 (E12)  
 4270 E10 PCD 13 RVRLR AM 2-3-2005 Wed 2000 (E12)  
 4270 E10 PCD 16 ELOID AM 3-3-2005 Wed 1900 (E12)  
 4270 E10 PCD 16 RDCRC AM 3-3-2005 Wed 1930 (E12)  
 4270 E10 PCD 10 SSSRI AM 3-3-2005 Wed 2000 (E12)  
 4270 E10 PCD2 AM 6-3-2005 Sun 1900 (E12)  
 4270 E10 PCD ?? YEUFs AM 6-3-2005 Sun 1930 (E12)

4270	E10	PCD 10 SSSRI AM 6-3-2005 Sun 2000 (E12)
4270	E10	PCD2 AM 7-3-2005 Mon 1900 (E12)
4270	E10	PCD 77 CTMYZ AM 7-3-2005 Mon 1930 (E12)
4270	E10	PCD 97 WMOQU 18 BCVZG AM 7-3-2005 Mon 2000 (E12)
4270	E10	PCD1 AM 10-3-2005 Thu 1900 (E12)
4270	E10	PCD 13 IMOBD AM 10-3-2005 Thu 1930 (E12)
4270	E10	PCD 97 WMOQU 18 BCVZG AM 10-3-2005 Thu 2000 (E12)
4270	E10	PCD2 AM 11-3-2005 Fri 1900 (E12)
4270	E10	PCD 34 AZKDW AM 11-3-2005 Fri 1930 (E12)
4270	E10	PCD 97 WMOQU 18 BCVZG AM 11-3-2005 Fri 2000 (E12)
4270	E10	PCD1 AM 12-3-2005 Sat 1900 (E12)
4270	E10	PCD 34 AZKDW AM 12-3-2005 Sat 1930 (E12)
4270	E10	PCD 97 WMOQU 18 BCVZG AM 12-3-2005 Sat 2000 (E12)
4270	E10	PCD2 AM 14-3-2005 Mon 1900 (E12)
4270	E10	PCD 30 HIEUK AM 14-3-2005 Mon 1930 (E12)
4270	E10	PCD2 AM 14-3-2005 Mon 2000 (E12)
4270	E10	PCD1 AM 15-3-2005 Tue 1900 (E12)
4270	E10	PCD2 AM 15-3-2005 Tue 1900 (E12)
4270	E10	PCD 30 HIEUK AM 15-3-2005 Tue 1930 (E12)
4270	E10	PCD 12 UERWW AM 15-3-2005 Tue 1930 (E12)
4270	E10	PCD2 AM 15-3-2005 Tue 2000 (E12)
4270	E10	PCD2 AM 15-3-2005 Tue 2000 (E12)
4270	E10	PCD2 AM 18-3-2005 Fri 1900 (E12)
4270	E10	PCD 7 EOTNE AM 18-3-2005 Fri 1930 (E12)
4270	E10	PCD2 AM 18-3-2005 Fri 2000 (E12)
4270	E10	PCD2 AM 19-3-2005 Sat 1900 (E12)
4270	E10	PCD 7 EOTNE AM 19-3-2005 Sat 1930 (E12)
4270	E10	PCD2 AM 19-3-2005 Sat 2000 (E12)
4270	E10	PCD 1 AM 29-3-2005 Tue 2004 (AB)
4270.0	E10	Calling "PCD 2"//3150 & 6498kHz YL/EE No further traffic heard. USB 1-3-2005 Tue 0030 (NS)
4270.0	E10	Calling "PCD 2"//3150kHz YL/EE No further traffic. USB 3-3-2005 Thu 2300 (NS)
4270.0	E10	Calling "PCD 2"//3150&6498kHz YL/EE No further traffic. USB 4-3-2005 Fri 0030 (NS)
4270.0	E10	Calling "PCD 2" YL/EE No further traffic. USB 15-3-2005 Tue 1600 (NS)
4270.0	E10	Calling "PCD 2"//3150&6498kHz YL/EE No further traffic. USB 16-3-2005 Wed 0030 (NS)
4270.0	E10	Calling PCD//3150kHz YL/EE 5L Msg Gr 93 = DNZHX OTJDM YEZTT = USB 18-3-2005 Fri 2030 (NS)
4270.0	E10	Calling PCD2 YL/EE No further traffic. USB 18-3-2005 Fri 2130 (NS)
4270.0	E10	Calling PCD2//3150kHz YL/EE No further traffic. USB 19-3-2005 Sat 0030 (NS)
4270.0	E10	Calling PCD2 YL/EE No further traffic. USB 23-3-2005 Wed 1730 (NS)
4270.0	E10	Calling PCD2 YL/EE No further traffic. USB 27-3-2005



Sun 2100 (NS)

4270.0 E10 Calling PCD YL/EE 5L Msg Gr 15 = PUKHW YAMNJ YRWGT  
IPUIK XSYDR IVYAJ FXBPH HHADC USB 27-3-2005 Sun 2200  
(NS)

4270.0 E10 Calling PCD2//3150kHz YL/EE No further traffic. USB  
27-3-2005 Sun 2201 (NS)

4270.0 E10 Calling PCD2//6498&3150kHz YL/EE No further traffic.  
USB 27-3-2005 Sun 2230 (NS)

4270.0 E10 Calling PCD2//6498kHz YL/EE No further traffic. USB  
27-3-2005 Sun 2231 (NS)

4270.0 E10 Calling PCD2 YL/EE No further traffic. USB 28-3-2005  
Mon 1831 (NS)

4270.0 E10 Calling PCD2//6498kHz YL/EE No further traffic. USB  
30-3-2005 Wed 1701 (NS)

4270.0 E10 Calling PCD2 YL/EE No further traffic. USB 30-3-2005  
Wed 1731 (NS)

4270.0 E10 Calling PCD1//3150 YL/EE No further traffic. USB  
30-3-2005 Wed 1901 (NS)

4270.0 E10 Calling PCD2//3148.7kHz YL/EE No further traffic. USB  
30-3-2005 Wed 2301 (NS)

4270.0 E10 Calling PCD2//6498kHz YL/EE No further traffic. USB  
31-3-2005 Thu 2131 (NS)

4270.0 E10 Calling PCD2//3150kHz YL/EE No further traffic. USB  
31-3-2005 Thu 2201 (NS)

4270.0 E10 Calling PCD2//3150kHz YL/EE No further traffic. USB  
31-3-2005 Thu 2301 (NS)

4290 XSL Slot Machine 30-3-2005 1526 (TI)

4360 E10 VLB2 AM 2-3-2005 Wed 1945 (E12)

4360 E10 VLB2 AM 3-3-2005 Wed 1945 (E12)

4360 E10 VLB2 AM 6-3-2005 Sun 1945 (E12)

4360 E10 VLB2 AM 7-3-2005 Mon 1915 (E12)

4360 E10 VLB2 AM 7-3-2005 Mon 1945 (E12)

4360 E10 VLB2 AM 10-3-2005 Thu 1945 (E12)

4360 E10 VLB2 AM 11-3-2005 Fri 1945 (E12)

4360 E10 VLB2 AM 12-3-2005 Sat 1945 (E12)

4360 E10 VLB2 AM 14-3-2005 Mon 1945 (E12)

4360 E10 VLB2 AM 15-3-2005 Tue 1945 (E12)

4360 E10 VLB2 AM 15-3-2005 Tue 1945 (E12)

4360 E10 VLB2 AM 18-3-2005 Fri 1945 (E12)

4360 E10 VLB2 AM 19-3-2005 Sat 1945 (E12)

4360.0 E10 VLB, no msg // 3230 // 6370 AM 7-3-2005 Mon 2230 (RNL)

4360.0 E10 VLB2 USB 20-3-2005 Sun 2145 (JS3)

4360.0 E10 VLB2/6370 USB 21-3-2005 Mon 2245 (JS3)

4360.0 E10 Calling VLB2//6370kHz YL/EE NO further traffic. USB  
31-3-2005 Thu 2131 (NS)

4360.0 E10 Calling VLB2//6370kHz YL/EE No further traffic. USB  
31-3-2005 Thu 2246 (NS)

4454.0 S21 454-540/30=58854 4454 weak, //4854 AM 22-3-2005 Tue

1842 (HFD)

4461.0 E10 Calling "FTJ"//2626kHz YL/EE Msg Gr 41 = KUSEL AJHNY VAGAC = USB 4-3-2005 Fri 0100 (NS)

4461.0 E10 Calling "FTJ"//2626kHz YL/EE 5L Msg follows. USB 16-3-2005 Wed 0100 (NS)

4461.0 E10 Calling FTJ2 YL/EE No further traffic. USB 17-3-2005 Thu 1700 (NS)

4461.0 E10 Calling FTJ//2626kHz YL/EE 5L Msg Gr 76 = MEBPQ ZCBCT ME0IC = USB 18-3-2005 Fri 2000 (NS)

4461.0 E10 Calling FTJ YL/EE 5L Msg follows. USB 18-3-2005 Fri 2030 (NS)

4461.0 E10 Calling FTJ YL/EE 5L Msg Gr 41 = KUSEL AJHNY VAGAC = USB 19-3-2005 Sat 0100 (NS)

4461.0 E10 Calling FTJ YL/EE 5L Msg follows. USB 23-3-2005 Wed 1730 (NS)

4461.0 E10 FTJ 76 MEBPQ USB 25-3-2005 Fri 2000 (JS3)

4461.0 E10 Calling FTJ YL/EE 5L Msg Gr 10 = VSIFG AHBCV SYNGZ YBWVQ JAQRM BGHKL ZJCRR FTLBB USB 27-3-2005 Sun 2100 (NS)

4461.0 E10 Calling FTJ YL/EE 5L Msg follows. USB 27-3-2005 Sun 2230 (NS)

4461.0 E10 Calling FTJ YL/EE 5L Msg Gr 11 = GZIZF GTTYJ MBYSA = USB 28-3-2005 Mon 1831 (NS)

4461.0 E10 Calling FTJ YL/EE 5L Msg follows. USB 30-3-2005 Wed 1731 (NS)

4461.0 E10 Calling FTJ2 YL/EE No further traffic. USB 30-3-2005 Wed 2301 (NS)

4461.0 E10 Calling FTJ//2626kHz YL/EE 5L Msg Gr 34 = KCGQT BCSBF WCEYX = USB 31-3-2005 Thu 2131 (NS)

4461.0 E10 Calling FTJ2 YL/EE No further traffic. USB 31-3-2005 Thu 2301 (NS)

4463 E10 FTJ2 AM 2-3-2005 Wed 1900 (E12)

4463 E10 FTJ2 AM 3-3-2005 Wed 1900 (E12)

4463 E10 FTJ2 AM 6-3-2005 Sun 1900 (E12)

4463 E10 FTJ2 AM 7-3-2005 Mon 1900 (E12)

4463 E10 FTJ2 AM 10-3-2005 Thu 1900 (E12)

4463 E10 FTJ2 AM 11-3-2005 Fri 1900 (E12)

4463 E10 FTJ2 AM 12-3-2005 Sat 1900 (E12)

4463 E10 FTJ2 AM 14-3-2005 Mon 1900 (E12)

4463 E10 FTJ2 AM 15-3-2005 Tue 1900 (E12)

4463 E10 FTJ2 AM 15-3-2005 Tue 1900 (E12)

4463 E10 FTJ2 AM 18-3-2005 Fri 1900 (E12)

4463 E10 FTJ2 AM 19-3-2005 Sat 1900 (E12)

4478.0 M08a (In progress) CW 5-3-2005 Sat 1100 (MS)

4478.0 M08a ID 35111 86121 61112 CW 12-3-2005 Sat 1100 (MS)

4478.0 M08a ID 35112 77821 61113 (rpt of 1000z on 3025m) CW 19-3-2005 Sat 1100 (MS)

4502.0 V02a A 99803 33351 42293 (YL/SS) AM 12-3-2005 Sat 1100 (MS)

4555.0 M45 555-652/32=54 CW 1-3-2005 Tue 1802 (HFD)  
 4557.7 MX Cluster beacon "D" CW 2-3-2005 Wed 2100 (AB)  
 4557.7 MX Cluster beacon "D" CW 20-3-2005 Sun 2106 (AB)  
 4558 MX Cluster beacon "C" CW 2-3-2005 Wed 2100 (AB)  
 4560 E10 YHF 1 AM 23-3-2005 Wed 2100 (AB)  
 4560.0 E10 Calling "YHF 2"//3840kHz YL/EE No further traffic. USB  
 2-3-2005 Wed 2230 (NS)  
 4560.0 E10 Calling "YHF 2"//3840kHz YL/EE No further traffic. USB  
 3-3-2005 Thu 2300 (NS)  
 4560.0 E10 Calling YHF2 YL/EE No further traffic. USB 30-3-2005  
 Wed 2301 (NS)  
 4560.0 E10 Calling YHF2//5820kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2131 (NS)  
 4560.0 E10 Calling YHF2//3840kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2301 (NS)  
 4625 S28 The Buzzer 2-3-2005 Wed 2105 (AB)  
 4625 S28 Buzzer 30-3-2005 1527 (TI)  
 4633.0 E07 163, very weak, //7614, 5763 AM 31-3-2005 Thu 2110  
 4648.0 E10 Calling "KPA2"//3360kHz YL/EE No further traffic. USB  
 1-3-2005 Tue 0015 (NS)  
 4648.0 E10 KPA2 USB 17-3-2005 Thu 0022 (CF)  
 4648.0 E10 Calling KPA2//3360kHz YL/EE No further traffic. USB  
 19-3-2005 Sat 0115 (NS)  
 4648.0 E10 Calling KPA2//3360kHz YL/EE No further traffic. USB  
 28-3-2005 Mon 2216 (NS)  
 4648.0 E10 Calling KPA2//3360kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2216 (NS)  
 4711.0 E10 Calling ??? YL/EE 5L Msg Gr 84 = IBEIA KXVZQ NHJLK =  
 (New frequency) USB 16-3-2005 Wed 0010 (NS)  
 4711.0 E10 Calling "YHF"//3206kHz YL/EE 5L Msg Gr 84 = IBEIA  
 KXVZQ NHJLK = USB 16-3-2005 Wed 0100 (NS)  
 4711.0 E10 Calling "YHF"//3206kHz YL/EE 5L Msg Gr 84 = IBEIA  
 KXVZQ NHJLK = USB 16-3-2005 Wed 0200 (NS)  
 4711.0 E10 Calling YHF YL/EE 5L Msg follows. USB 17-3-2005 Thu  
 1700 (NS)  
 4711.0 E10 Calling YHF YL/EE 5L Msg Gr 26 = YMMGC BSMTU RJJQG =  
 USB 18-3-2005 Fri 1700 (NS)  
 4711.0 E10 Calling YHF//3206kHz YL/EE 5L Msg follows. USB  
 18-3-2005 Fri 2100 (NS)  
 4711.0 E10 Calling YHF//3206kHz YL/EE 5L Msg Gr 26 = YMMGC BSMTU  
 RJJQG = USB 18-3-2005 Fri 2200 (NS)  
 4711.0 E10 Calling YHF//3206kHz YL/EE 5L Msg Gr 26 = YMMGC BSMTU  
 RJJQG = USB 19-3-2005 Sat 0100 (NS)  
 4717 XM Whales 16-3-2005 0120 (MT2)  
 4823.0 G22 hard to copy AM 3-3-2005 Thu 2300 (HFD)  
 4823.0 G22 G22, best reception in LSB. Calling "186" Number "360"  
 Group "21" Good copy LSB 3-3-2005 Thu 2302 (Red)  
 4854.0 S21 454-540/30=58854 4454 weak, //4454 AM 22-3-2005 Tue

1842 (HFD)

4880	E10	ULX2 AM 2-3-2005 Wed 1900 (E12)
4880	E10	ULX2 AM 3-3-2005 Wed 1900 (E12)
4880	E10	ULX2 AM 6-3-2005 Sun 1900 (E12)
4880	E10	ULX2 AM 7-3-2005 Mon 1900 (E12)
4880	E10	ULX2 AM 10-3-2005 Thu 1900 (E12)
4880	E10	ULX2 AM 11-3-2005 Fri 1900 (E12)
4880	E10	ULX2 AM 12-3-2005 Sat 1900 (E12)
4880	E10	ULX 1 AM 14-3-2005 Mon 1802 (AB)
4880	E10	ULX2 AM 14-3-2005 Mon 1900 (E12)
4880	E10	ULX2 AM 15-3-2005 Tue 1900 (E12)
4880	E10	ULX2 AM 15-3-2005 Tue 1900 (E12)
4880	E10	ULX2 AM 18-3-2005 Fri 1900 (E12)
4880	E10	ULX2 AM 19-3-2005 Sat 1900 (E12)
4880.0	E10	Calling "ULX"//2743kHz YL/EE 2 Msg Gr 97 = LBZLF JUQAU HEVNM = & Msg Gr 28 = YU USB 2-3-2005 Wed 2230
4880.0	E10	Calling "ULX"//6270kHz YL/EE 5L Msg Gr 53 = VSQNM AUSCC QDBOC = USB 2-3-2005 Wed 2300 (NS)
4880.0	E10	Calling "ULX"//6270kHz YL/EE Msg Gr 53 = VSQNM AUSCC QDBOC = USB 3-3-2005 Thu 2300 (NS)
4880.0	E10	Calling "ULX"//2743kHz YL/EE Msg Gr 23 = CWCMG ASUDY MTFJY = USB 4-3-2005 Fri 0030 (NS)
4880.0	E10	Calling "ULX"//2743kHz YL/EE 5L Msg Gr 40 = FXPYY ZOPNH USSMT = USB 16-3-2005 Wed 0030 (NS)
4880.0	E10	Calling "ULX 2"//2743kHz YL/EE No further traffic. USB 16-3-2005 Wed 0200 (NS)
4880.0	E10	Calling ULX YL/EE 5L Msg Gr 47 = FHVXM OERUE DRYUQ = USB 17-3-2005 Thu 1630 (NS)
4880.0	E10	Calling ULX//6270kHz YL/EE 5L Msg Gr 50 = QIXYF QHZQE FFMEY = USB 17-3-2005 Thu 1700 (NS)
4880.0	E10	Calling ULX1 (Unusual !) YL/EE No further traffic. USB 18-3-2005 Fri 1630 (NS)
4880.0	E10	Calling ULX//6270kHz YL/EE 5L Msg Gr 50 = QIXYF QHZQE FFMEY = USB 18-3-2005 Fri 1700 (NS)
4880.0	E10	Calling ULX2 YL/EE No further traffic. USB 18-3-2005 Fri 2030 (NS)
4880.0	E10	Calling ULX YL/EE 5L Msg follows. USB 18-3-2005 Fri 2100 (NS)
4880.0	E10	Calling ULX//2741kHz YL/EE 2 Msg Gr 89 = IFGUP NGLST KPWKC = Msg Gr 63 = WLDAN M USB 18-3-2005 Fri 2130 (NS)
4880.0	E10	Calling ULX//2743kHz YL/EE 5L Msg Gr 40 = FXPYY ZOPNH USSMT = USB 19-3-2005 Sat 0030 (NS)
4880.0	E10	Calling ULX2 YL/EE No further traffic. USB 23-3-2005 Wed 1730 (NS)
4880.0	E10	Calling ULX2//6270kHz YL/EE No further traffic. USB 27-3-2005 Sun 2201 (NS)
4880.0	E10	Calling ULX//2743kHz YL/EE 5L QTC 2 Msg (1) Gr 89 =

IFGUP NGLST KPWKC = Msg (2) USB 27-3-2005 Sun 2230 (NS)

4880.0 E10 Calling ULX2//2743kHz YL/EE No further traffic. USB 27-3-2005 Sun 2231 (NS)

4880.0 E10 Calling ULX2//6270kHz YL/EE No further traffic. USB 28-3-2005 Mon 1831 (NS)

4880.0 E10 Calling ULX//6270kHz YL/EE 5L Msg Gr 92 = SBBFE OHRYQ EVMJM = USB 30-3-2005 Wed 1701 (NS)

4880.0 E10 Calling ULX2 YL/EE No further traffic. USB 30-3-2005 Wed 1731 (NS)

4880.0 E10 Calling ULX//6270kHz YL/EE 5L Msg Gr 74 = KICIC NPSPH QVPPL = USB 30-3-2005 Wed 2301 (NS)

4880.0 E10 Calling ULX2 YL/EE No further traffic. USB 31-3-2005 Thu 2131 (NS)

4880.0 E10 Calling ULX2 YL/EE No further traffic. USB 31-3-2005 Thu 2201 (NS)

4880.0 E10 Calling ULX2//2743kHz YL/EE No further traffic. USB 31-3-2005 Thu 2231 (NS)

4880.0 E10 Calling ULX//6270kHz YL/EE 5L Msg Gr 74 = KICIC NPSPH QVPPL = USB 31-3-2005 Thu 2301 (NS)

5020.0 M01 463-347/30=32640 CW 10-3-2005 Thu 2000 (HFD)

5091 E10 JSR 94 APUNZ AM 2-3-2005 Wed 1900 (E12)

5091 E10 JSR 42 PNYMG AM 2-3-2005 Wed 1930 (E12)

5091 E10 JSR2 AM 2-3-2005 Wed 2000 (E12)

5091 E10 JSR 94 APUNZ AM 3-3-2005 Wed 1900 (E12)

5091 E10 JSR 42 PNYMG AM 3-3-2005 Wed 1930 (E12)

5091 E10 JSR2 AM 3-3-2005 Wed 2000 (E12)

5091 E10 JSR 94 APUNZ AM 6-3-2005 Sun 1900 (E12)

5091 E10 JSR 42 PNYMG AM 6-3-2005 Sun 1930 (E12)

5091 E10 JSR2 AM 6-3-2005 Sun 2000 (E12)

5091 E10 JSR 94 APUNZ AM 7-3-2005 Mon 1900 (E12)

5091 E10 JSR 42 PNYMG AM 7-3-2005 Mon 1930 (E12)

5091 E10 JSR 94 APUNZ AM 10-3-2005 Thu 1900 (E12)

5091 E10 JSR 42 PNYMG AM 10-3-2005 Thu 1930 (E12)

5091 E10 JSR2 AM 10-3-2005 Thu 2000 (E12)

5091 E10 JSR 94 APUNZ AM 11-3-2005 Fri 1900 (E12)

5091 E10 JSR 42 PNYMG AM 11-3-2005 Fri 1930 (E12)

5091 E10 JSR2 AM 11-3-2005 Fri 2000 (E12)

5091 E10 JSR2 AM 12-3-2005 Sat 1900 (E12)

5091 E10 JSR 42 PNYMG AM 12-3-2005 Sat 1930 (E12)

5091 E10 JSR2 AM 12-3-2005 Sat 2000 (E12)

5091 E10 JSR 94 APUNZ AM 14-3-2005 Mon 1900 (E12)

5091 E10 JSR 42 PNYMG AM 14-3-2005 Mon 1930 (E12)

5091 E10 JSR2 AM 14-3-2005 Mon 2000 (E12)

5091 E10 JSR 94 APUNZ AM 15-3-2005 Tue 1900 (E12)

5091 E10 JSR 94 APUNZ AM 15-3-2005 Tue 1900 (E12)

5091 E10 JSR 42 PNYMG AM 15-3-2005 Tue 1930 (E12)

5091 E10 JSR 42 PNYMG AM 15-3-2005 Tue 1930 (E12)

5091	E10	JSR2 AM 15-3-2005 Tue 2000 (E12)
5091	E10	JSR2 AM 15-3-2005 Tue 2000 (E12)
5091	E10	JSR 94 APUNZ AM 18-3-2005 Fri 1900 (E12)
5091	E10	JSR 42 PNYMG AM 18-3-2005 Fri 1930 (E12)
5091	E10	JSR2 AM 18-3-2005 Fri 2000 (E12)
5091	E10	JSR 94 APUNZ AM 19-3-2005 Sat 1900 (E12)
5091	E10	JSR 43 PNYMG AM 19-3-2005 Sat 1930 (E12)
5091	E10	JSR2 AM 19-3-2005 Sat 2000 (E12)
5091.0	E10	Calling "JSR" YL/EE Msg Gr 13 = JZIZF GTSYJ MAXSA DXLKP ECFFI HQBNQ HDEEZ CJDRP USB 3-3-2005 Thu 2130 (NS)
5091.0	E10	Calling "JSR 2" YL/EE No further traffic. USB 3-3-2005 Thu 2230 (NS)
5091.0	E10	Calling "JSR"//7540kHz YL/EE Msg Gr 19 = HQYDC NEZTG FIQIA = USB 4-3-2005 Fri 1530 (NS)
5091.0	E10	Calling "JSR 2"//7540kHz YL/EE No further traffic. USB 4-3-2005 Fri 1600 (NS)
5091.0	E10	Calling "JSR 2" YL/EE No further traffic. USB 15-3-2005 Tue 1600 (NS)
5091.0	E10	Calling "JSR" YL/EE 5L Msg Gr 63 = JRSKM OEXPG XVTRM = USB 15-3-2005 Tue 1630 (NS)
5091.0	E10	Calling "JSR"//7540kHz YL/EE 5L Msg Gr 49 = HKAGY SOUFD HCUXI = USB 15-3-2005 Tue 1700 (NS)
5091.0	E10	Calling "JSR" YL/EE 5L Msg Gr 110 = MCTOD ZYYMX OAFYO = USB 15-3-2005 Tue 1730 (NS)
5091.0	E10	Calling "JSR 2" YL/EE No further traffic. USB 15-3-2005 Tue 1800 (NS)
5091.0	E10	Calling JSR//7540kHz YL/EE 5L Msg Gr 49 = HKAGY SOUFD HCUXI = USB 17-3-2005 Thu 1700 (NS)
5091.0	E10	Calling JSR//7541kHz YL/EE 5L Msg Gr 19 = HQYDC NEZTG FIGIA = USB 18-3-2005 Fri 1530 (NS)
5091.0	E10	Calling JSR YL/EE 5L Msg Gr 63 = JRSKM OEXPG XVTRM = USB 18-3-2005 Fri 1630 (NS)
5091.0	E10	Calling JSR//7540kHz YL/EE 5L Msg Gr 49 = HKAGY SOUFD HCUXI = USB 18-3-2005 Fri 1700 (NS)
5091.0	E10	Calling JSR//2270kHz YL/EE 5L Msg Gr 97 = VQSBI JUEAM AWQOA = USB 18-3-2005 Fri 1830 (NS)
5091.0	E10	Calling JSR YL/EE 5L Msg Gr 110 = MCTOD ZYYMX OAFYO = USB 23-3-2005 Wed 1730 (NS)
5091.0	E10	Calling JSR2 YL/EE No further traffic. USB 23-3-2005 Wed 1800 (NS)
5091.0	E10	Calling JSR YL/EE 5L Msg follows. USB 27-3-2005 Sun 2201 (NS)
5091.0	E10	Calling JSR YL/EE 5L Msg Gr 20 = NNREA YSBYW PUYMR = USB 27-3-2005 Sun 2230 (NS)
5091.0	E10	Calling JSR YL/EE 5L Msg Gr 32 = DHQYT ZKZWC HHBIE = USB 27-3-2005 Sun 2231 (NS)
5091.0	E10	Calling JSR YL/EE 5L Msg Gr 73 = AVDPQ PRJGA PIPCB =

USB 28-3-2005 Mon 1831 (NS)  
 5091.0 E10 Calling JSR YL/EE 5L Msg Gr 73 = AVDPQ PRJGA PIPCB =  
 USB 30-3-2005 Wed 1831 (NS)  
 5091.0 E10 Calling JSR YL/EE 5L Msg Gr 94 = APUNZ DSVGW LNJAM =  
 USB 30-3-2005 Wed 1901 (NS)  
 5091.0 E10 Calling JSR YL/EE 5L Msg Gr 20 = NNREA YSBYW PUYSR =  
 USB 31-3-2005 Thu 2131 (NS)  
 5091.0 E10 Calling JSR YL/EE 5L Msg Gr 19 = NIPQP TQSRM PXONL =  
 USB 31-3-2005 Thu 2201 (NS)  
 5091.0 E10 Calling JSR YL/EE 5L Msg Gr 32 = DHQYT ZKZWC HHBIE =  
 USB 31-3-2005 Thu 2231 (NS)  
 5153.7 MX Cluster beacon "D" CW 20-3-2005 Sun 2050 (AB)  
 5153.8 MX Cluster beacon "P" 20-3-2005 0839 (PP)  
 5153.8 MX Cluster beacon "P" CW 20-3-2005 Sun 2050 (AB)  
 5154 MX Cluster beacon "C" CW 2-3-2005 Wed 2100 (AB)  
 5154 MX Cluster beacon "C" CW 20-3-2005 Sun 2050 (AB)  
 5190.0 G06 308-295/143=97219 AM 8-3-2005 Tue 2000 (HFD)  
 5201 M21 PVO. Id 0 CW 20-3-2005 Sun 2043 (AB)  
 5301.0 S17C 69030, //8190 AM 1-3-2005 Tue 1250 (HFD)  
 5301.0 S17C 70029, //8190 AM 2-3-2005 Wed 1250 (HFD)  
 5301.0 S17C 64030, //8190 AM 4-3-2005 Fri 1250 (HFD)  
 5301.0 S17C 82038, //8190 AM 7-3-2005 Mon 1250 (HFD)  
 5301.0 S17C 70029, //8190 AM 9-3-2005 Wed 1250 (HFD)  
 5301.0 S17C 63031, //8190 AM 11-3-2005 Fri 1250 (HFD)  
 5301.0 S17C 71028, //8190 AM 13-3-2005 Sun 1250 (HFD)  
 5301.0 S17C 83030, //8190 AM 15-3-2005 Tue 1250 (HFD)  
 5301.0 S17C S17C with fair sig, calling 555 616 AM 15-3-2005 Tue  
 1250 (Red)  
 5301.0 S17C 78031, //8190 AM 16-3-2005 Wed 1250 (HFD)  
 5301.0 S17C 69028, //8190 AM 17-3-2005 Thu 1250 (HFD)  
 5301.0 S17C 83035, //8190 AM 19-3-2005 Sat 1250 (HFD)  
 5301.0 S17C 67030, //8190 AM 20-3-2005 Sun 1250 (HFD)  
 5301.0 S17C 78033, //8190 AM 21-3-2005 Mon 1250 (HFD)  
 5301.0 S17C 77032, //8190 AM 22-3-2005 Tue 1250 (HFD)  
 5301.0 S17C 66029, //8190 AM 23-3-2005 Wed 1250 (HFD)  
 5301.0 S17C 70030, //8190 AM 30-3-2005 Wed 1250 (HFD)  
 5301.0 S17C 67031, //8190 AM 31-3-2005 Thu 1250 (HFD)  
 5417.0 V02a USB 4-3-2005 Fri 0200 (SE-c)  
 5432.6 E10 Calling ART2 (Slightly off frequency)//3415kHz YL/EE  
 No further traffic. USB 30-3-2005 Wed 1901 (NS)  
 5433 E10 ART2 AM 10-3-2005 Thu 1900 (E12)  
 5433 E10 ART2 AM 11-3-2005 Fri 1900 (E12)  
 5433 E10 ART2 AM 12-3-2005 Sat 1900 (E12)  
 5433 E10 ART2 AM 14-3-2005 Mon 1900 (E12)  
 5433 E10 ART2 AM 15-3-2005 Tue 1900 (E12)  
 5433 E10 ART2 AM 15-3-2005 Tue 1900 (E12)  
 5433 E10 ART2 AM 18-3-2005 Fri 1900 (E12)  
 5433 E10 ART2 AM 19-3-2005 Sat 1900 (E12)

5435 E10 ART2 AM 2-3-2005 Wed 1900 (E12)  
5435 E10 ART 34 JFTOQ AM 2-3-2005 Wed 1930 (E12)  
5435 E10 ART 15 NIZCD AM 2-3-2005 Wed 2000 (E12)  
5435 E10 ART2 AM 3-3-2005 Wed 1900 (E12)  
5435 E10 ART 34 JFTOQ AM 3-3-2005 Wed 1930 (E12)  
5435 E10 ART 15 NIZCD AM 3-3-2005 Wed 2000 (E12)  
5435 E10 ART2 AM 6-3-2005 Sun 1900 (E12)  
5435 E10 ART 34 JFTOQ AM 6-3-2005 Sun 1930 (E12)  
5435 E10 ART 15 NIZCD AM 6-3-2005 Sun 2000 (E12)  
5435 E10 ART2 AM 7-3-2005 Mon 1900 (E12)  
5435 E10 ART 34 JFTOQ AM 7-3-2005 Mon 1930 (E12)  
5435 E10 ART 15 NIZCD AM 7-3-2005 Mon 2000 (E12)  
5435 E10 ART 34 JFTOQ AM 10-3-2005 Thu 1930 (E12)  
5435 E10 ART 15 NIZCD AM 10-3-2005 Thu 2000 (E12)  
5435 E10 ART 34 JFTOQ AM 11-3-2005 Fri 1930 (E12)  
5435 E10 ART 15 NIZCD AM 11-3-2005 Fri 2000 (E12)  
5435 E10 ART 34 JFTOQ AM 12-3-2005 Sat 1930 (E12)  
5435 E10 ART 15 NIZCD AM 12-3-2005 Sat 2000 (E12)  
5435 E10 ART 34 JFTOQ AM 14-3-2005 Mon 1930 (E12)  
5435 E10 ART 15 NIZCD AM 14-3-2005 Mon 2000 (E12)  
5435 E10 ART 34 JFTOQ AM 15-3-2005 Tue 1930 (E12)  
5435 E10 ART 34 JFTOQ AM 15-3-2005 Tue 1930 (E12)  
5435 E10 ART 15 NIZCD AM 15-3-2005 Tue 2000 (E12)  
5435 E10 ART 15 NIZCD AM 15-3-2005 Tue 2000 (E12)  
5435 E10 ART 34 JFTOQ AM 18-3-2005 Fri 1930 (E12)  
5435 E10 ART 15 NIZCD AM 18-3-2005 Fri 2000 (E12)  
5435 E10 ART 81 AWYEC AM 19-3-2005 Sat 1930 (E12)  
5435 E10 ART 15 NIZCD AM 19-3-2005 Sat 2000 (E12)  
5435.0 E10 Calling ART//3415kHz YL/EE 5L Msg follows. USB  
1-3-2005 Tue 2231 (NS)  
5435.0 E10 Calling "ART"//3415kHz YL/EE Msg Gr 82 = BHTSX BJSTD  
SFVZZ = USB 3-3-2005 Thu 2230 (NS)  
5435.0 E10 Calling "ART"//3415kHz YL/EE Msg Gr 24 = OIYJZ FHTSY  
JNAXQ = USB 4-3-2005 Fri 0130 (NS)  
5435.0 E10 Calling "ART 2"//3415kHz YL/EE No further traffic. USB  
4-3-2005 Fri 0200 (NS)  
5435.0 E10 Caling "ART 2" YL/EE No further traffic. USB 15-3-2005  
Tue 1600 (NS)  
5435.0 E10 Calling "ART"//3415kHz YL/EE 5L Msg Gr 24 = OIYJZ  
FHTSY JNAXQ = USB 16-3-2005 Wed 0130 (NS)  
5435.0 E10 Calling ART2//3415kHz YL/EE No further traffic. USB  
17-3-2005 Thu 1700 (NS)  
5435.0 E10 Calling ART YL/EE 5L Msg Gr 19 = XCKDI TJEDN STAWD =  
USB 18-3-2005 Fri 1630 (NS)  
5435.0 E10 Calling ART2 YL/EE No further traffic. USB 18-3-2005  
Fri 1700 (NS)  
5435.0 E10 Calling ART//3417kHz YL/EE 5L Msg Gr 15 = NIZCD PYFOB  
QFJSZ = USB 18-3-2005 Fri 2000 (NS)



5435.0 E10 Calling ART//3415kHz YL/EE 5L Msg Gr 29 = QFQUQ DIJKX  
 CKASC = USB 18-3-2005 Fri 2030 (NS)  
 5435.0 E10 Calling ART//3415kHz YL/EE 5L Msg Gr 24 = OIYJZ FHTSY  
 JNAXQ = USB 19-3-2005 Sat 0130 (NS)  
 5435.0 E10 Calling ART//3415kHz YL/EE 5L Msg Gr 21 = AUCDX KPQWK  
 JQUGG = USB 21-3-2005 Mon 2300 (NS)  
 5435.0 E10 Calling ART2 YL/EE No further traffic. USB 23-3-2005  
 Wed 1800 (NS)  
 5435.0 E10 Calling ART//3415kHz YL/EE 5L Msg Gr 38 = OWDND CHKMW  
 LHORS = USB 27-3-2005 Sun 2100 (NS)  
 5435.0 E10 Calling ART2//3415kHz YL/EE No further traffic. USB  
 27-3-2005 Sun 2201 (NS)  
 5435.0 E10 Calling ART2//3415kHz YL/EE No further traffic. USB  
 27-3-2005 Sun 2230 (NS)  
 5435.0 E10 Calling ART//3415kHz YL/EE 5L Msg Gr 82 = BHTSX BJSTD  
 SFVZZ = USB 27-3-2005 Sun 2231 (NS)  
 5435.0 E10 Calling ART//3415kHz YL/EE 5L Msg Gr 21 = AUCDX KPQWK  
 JQUGG = USB 27-3-2005 Sun 2301 (NS)  
 5435.0 E10 Calling ART2//3415kHz YL/EE No further traffic. USB  
 28-3-2005 Mon 1831 (NS)  
 5435.0 E10 Calling ART2 YL/EE No further traffic. USB 30-3-2005  
 Wed 1701 (NS)  
 5435.0 E10 Calling ART//3415kHz YL/EE 5L Msg Gr 28 = FYOUM WVMPN  
 KUEVZ = USB 30-3-2005 Wed 1731 (NS)  
 5435.0 E10 Calling ART//3415kHz YL/EE 5L Msg Gr 21 = AUCDX KPQWK  
 JQUGG = USB 30-3-2005 Wed 2301 (NS)  
 5435.0 E10 Calling ART2//3415kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2131 (NS)  
 5435.0 E10 Calling ART2//3415kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2201 (NS)  
 5435.0 E10 Calling ART//3415kHz YL/EE 5L Msg Gr 21 = AUCDX KPQWK  
 JQUGG = USB 31-3-2005 Thu 2301 (NS)  
 5437.0 E10 Calling "ART"//3415kHz YL/EE Msg Gr 26 = MLPEO NCYGI  
 YIYG = USB 4-3-2005 Fri 0030 (NS)  
 5437.0 E10 Calling "ART"//3417kHz YL/EE 5L Msg Gr 70 = YVAUK  
 OUOGL ZXBSR = USB 16-3-2005 Wed 0030 (NS)  
 5437.0 E10 Calling ART//3417kHz 5L Msg Gr 70 = YVAUK OUOGL ZXBSR  
 = USB 19-3-2005 Sat 0030 (NS)  
 5437.0 E10 Calling ART//3417kHz YL/EE 5L Msg Gr 70 = YVAUK OUOGL  
 ZXBSR = USB 29-3-2005 Tue 0031 (NS)  
 5443.0 G06 ip AM 11-3-2005 Fri 1938 (HFD)  
 5465.8 MX Channel marker "R" CW 2-3-2005 Wed 2109 (AB)  
 5474 XSW Squeaky Wheel 9-3-2005 1535 (MG)  
 5474.0 M01 463 CW 1-3-2005 Tue 1800 (HFD)  
 5680.0 S06 624-873/15=92949 AM 1-3-2005 Tue 1800 (HFD)  
 5746 E03 LP. Id 10090 USB 20-3-2005 Sun 1900 (AB)  
 5746.0 E03 Calling 12524//6959&9251kHz YL/EE at 1810 Msg Gr 200 =  
 71879 19926 04358 = USB 1-3-2005 Tue 1800 (NS)

5746.0 E03 Calling 12524//6959&9251kHz YL/EE at 2110 Msg Gr 200 =  
 71879 19926 04358 = USB 3-3-2005 Thu 2100 (NS)  
 5746.0 E03 12524//ARC-190//KHRT USB 4-3-2005 Fri 2200 (GS)  
 5760.0 S06 374:0 AM 22-3-2005 Tue 0700 (HFD)  
 5763.0 E07 163, very weak, //7614, 4633 AM 31-3-2005 Thu 2110  
 5818.7 E10 Calling YHF//7918kHz YL/EE 5L Msg Gr 39 = IKXGQ KMXLV  
 IFSJN = USB 23-3-2005 Wed 1800 (NS)  
 5820 E10 YHF 22 YMFJP AM 2-3-2005 Wed 1930 (E12)  
 5820 E10 YHF 22 YMFJP AM 3-3-2005 Wed 1930 (E12)  
 5820 E10 YHF2 AM 3-3-2005 Wed 2000 (E12)  
 5820 E10 YHF 43 XAQGA AM 6-3-2005 Sun 1930 (E12)  
 5820 E10 YHF2 AM 6-3-2005 Sun 2000 (E12)  
 5820 E10 YHF Tx Progress AM 7-3-2005 Mon 1930 (E12)  
 5820 E10 YHF2 AM 7-3-2005 Mon 2000 (E12)  
 5820 E10 YHF 43 XAQGA AM 10-3-2005 Thu 1930 (E12)  
 5820 E10 YHF2 AM 10-3-2005 Thu 2000 (E12)  
 5820 E10 YHF 43 XAQGA AM 11-3-2005 Fri 1930 (E12)  
 5820 E10 YHF2 AM 11-3-2005 Fri 2000 (E12)  
 5820 E10 YHF 43 XAQGA AM 12-3-2005 Sat 1930 (E12)  
 5820 E10 YHF2 AM 12-3-2005 Sat 2000 (E12)  
 5820 E10 YHF 43 XAQGA AM 14-3-2005 Mon 1930 (E12)  
 5820 E10 YHF2 AM 14-3-2005 Mon 2000 (E12)  
 5820 E10 YHF 43 XAQGA AM 15-3-2005 Tue 1930 (E12)  
 5820 E10 YHF 43 XAQGA AM 15-3-2005 Tue 1930 (E12)  
 5820 E10 YHF1 AM 15-3-2005 Tue 2000 (E12)  
 5820 E10 YHF 61 YYYDI AM 15-3-2005 Tue 2000 (E12)  
 5820 E10 YHF 43 XAQGA AM 18-3-2005 Fri 1930 (E12)  
 5820 E10 YHF2 AM 18-3-2005 Fri 2000 (E12)  
 5820 E10 YHF 43 XAQGA AM 19-3-2005 Sat 1930 (E12)  
 5820 E10 YHF2 AM 19-3-2005 Sat 2000 (E12)  
 5820.0 E10 Calling "YHF"//7918kHz YL/EE Msg Gr 21 = UVWFT HBYMK  
 VZGLE = USB 4-3-2005 Fri 0130 (NS)  
 5820.0 E10 Calling "YHF"//7918kHz YL/EE 5L Msg Gr 63 = TSVDH  
 IARMV UAGLA = USB 16-3-2005 Wed 0130 (NS)  
 5820.0 E10 Calling YHF2//7918kHz YL/EE No further traffic. USB  
 18-3-2005 Fri 1500 (NS)  
 5820.0 E10 Calling YHF YL/EE 5L Msg Gr 37 = GGFQF NVYAX BHISC =  
 USB 18-3-2005 Fri 1530 (NS)  
 5820.0 E10 Calling YHF YL/EE 5L Msg Gr 108 = SEXZD PCZJE DVVF. =  
 USB 18-3-2005 Fri 1630 (NS)  
 5820.0 E10 Calling YHF//7918kHz YL/EE 5L Msg Gr 63 = TSVDH IARMV  
 UAGLA = USB 19-3-2005 Sat 0130 (NS)  
 5820.0 E10 Calling YHF2 YL/EE No further traffic. USB 27-3-2005  
 Sun 2201 (NS)  
 5820.0 E10 Calling YHF2//4560kHz YL/EE No further traffic. USB  
 31-3-2005 Thu 2131 (NS)  
 5876.0 M13d 767 (R5) BT 292 21 BT (first time this has been heard  
 since May 5, 2002) CW 6-3-2005 Sun 0330 (MS)

6250	XSL	Slot Machine FSK 2-3-2005 Wed 2107 (AB)
6250	XSL	Slot machine FSK 14-3-2005 Mon 1831 (AB)
6261.0	M01	463-7#9/20=96521 CW 5-3-2005 Sat 1500 (HFD)
6270	E10	ULX2 AM 2-3-2005 Wed 1930 (E12)
6270	E10	ULX2 AM 3-3-2005 Wed 1930 (E12)
6270	E10	ULX2 AM 6-3-2005 Sun 1930 (E12)
6270	E10	ULX2 AM 7-3-2005 Mon 1930 (E12)
6270	E10	ULX2 AM 15-3-2005 Tue 1930 (E12)
6270	E10	ULX2 AM 15-3-2005 Tue 1930 (E12)
6270	E10	ULX2 AM 18-3-2005 Fri 1930 (E12)
6270	E10	ULX2 AM 19-3-2005 Sat 1930 (E12)
6270.0	E10	Calling "ULX"//4880kHz YL/EE 5L Msg Gr 53 = VSQNM AUSCC QDBOC = USB 2-3-2005 Wed 2300 (NS)
6270.0	E10	Calling "ULX"//4880kHz YL/EE Msg Gr 53 = VSQNM AUSCC QDBOC = USB 3-3-2005 Thu 2300 (NS)
6270.0	E10	Calling "ULX"//7760kHz YL/EE Msg Gr 56 = YYIRD RECSX YTCVO = USB 4-3-2005 Fri 0100 (NS)
6270.0	E10	Calling "ULX"//7758.6kHz (Nominal 7760kHz) YL/EE 5L Msg follows. USB 16-3-2005 Wed 0100 (NS)
6270.0	E10	Calling ULX//4880kHz YL/EE 5L Msg Gr 50 = QIXYF QHZQE FFMEY = USB 17-3-2005 Thu 1700 (NS)
6270.0	E10	Calling ULX2//7760kHz YL/EE No further traffic. USB 18-3-2005 Fri 1500 (NS)
6270.0	E10	Calling ULX2//7760kHz YL/EE No further traffic. USB 18-3-2005 Fri 1530 (NS)
6270.0	E10	Calling ULX//4880kHz YL/EE 5L Msg Gr 50 = QIXYF QHZQE FFMEY = USB 18-3-2005 Fri 1700 (NS)
6270.0	E10	Calling ULX YL/EE 5L Msg Gr 56 = YYIRD RECSX YTCVO = USB 19-3-2005 Sat 0100 (NS)
6270.0	E10	Calling ULX//7760kHz YL/EE 5L Msg Gr 22 = ILXBI QARIC JFDYB = USB 22-3-2005 Tue 0100 (NS)
6270.0	E10	Calling ULX2 YL/EE No further traffic. USB 26-3-2005 Sat 1830 (NS)
6270.0	E10	Calling ULX2//4880kHz YL/EE No further traffic. USB 27-3-2005 Sun 2201 (NS)
6270.0	E10	Calling ULX2//4880kHz YL/EE No further traffic. USB 28-3-2005 Mon 1831 (NS)
6270.0	E10	Calling ULX//4880kHz YL/EE 5L Msg Gr 92 = SBBFE OHRYQ EVMJM = USB 30-3-2005 Wed 1701 (NS)
6270.0	E10	Calling ULX//4880kHz YL/EE 5L Msg Gr 74 = KICIC NPSPH QVPPL = USB 30-3-2005 Wed 2301 (NS)
6270.0	E10	Calling ULX//4880kHz YL/EE 5L Msg Gr 74 = KICIC NPSPH QVPPL = USB 31-3-2005 Thu 2301 (NS)
6326.0	M13	284 (R5) (too weak for copy-QRN heavy) CW 4-3-2005 Fri 2100 (MS)
6326.0	M13	284 (R5) (Too weak for further copy) CW 5-3-2005 Sat 2100 (MS)
6370	E10	VLB2 AM 7-3-2005 Mon 1915 (E12)

6370.0 E10 Calling "VLB 2" YL/EE No further traffic. USB 5-3-2005 Sat 1745 (NS)  
6370.0 E10 VLB, no msg // 3230 // 4360 AM 7-3-2005 Mon 2230 (RNL)  
6370.0 E10 VLB2/4360 USB 21-3-2005 Mon 2245 (JS3)  
6370.0 E10 Calling VLB2//4360kHz YL/EE No further traffic. USB 31-3-2005 Thu 2131 (NS)  
6370.0 E10 Calling VLB2 YL/EE No further traffic. USB 31-3-2005 Thu 2246 (NS)  
6417 XSL Slot Machine 30-3-2005 1526 (TI)  
6445 XSL Slot Machine FSK 2-3-2005 Wed 2107 (AB)  
6445 XSL Slot Machine 30-3-2005 1527 (TI)  
6464.0 S06 537-249/ 8=88118 AM 10-3-2005 Thu 1700 (HFD)  
6464.0 S06 537:0 AM 31-3-2005 Thu 1700 (HFD)  
6485.0 E03 Calling 92003//7755&10425kHz YL/EE at 1610 Msg Gr 200 = 64494 24983 80906 = USB 2-3-2005 Wed 1600 (NS)  
6498.0 E10 Calling "PCD 2"//3150 & 4270kHz YL/EE No further traffic. USB 1-3-2005 Tue 0030 (NS)  
6498.0 E10 Calling "PCD 2"//3150&4270kHz YL/EE No further traffic. USB 4-3-2005 Fri 0030 (NS)  
6498.0 E10 Calling "PCD"//8805kHz YL/EE Msg Gr 40 = KOIKO TLCWW IEXQW = USB 4-3-2005 Fri 1430 (NS)  
6498.0 E10 PCD, 19, JBXIG, // 4270 AM 5-3-2005 Sat 2100 (RNL)  
6498.0 E10 Calling "PCD 2"//3150&4270kHz YL/EE No further traffic. USB 16-3-2005 Wed 0030 (NS)  
6498.0 E10 Calling PCD//8805kHz YL/EE 5L Msg Gr 40 = KOIKO TLCWW IEXQW = USB 18-3-2005 Fri 1430 (NS)  
6498.0 E10 Calling PCD2//3150&4270kHz YL/EE No further traffic. USB 27-3-2005 Sun 2230 (NS)  
6498.0 E10 Calling PCD2//4270kHz YL/EE No further traffic. USB 27-3-2005 Sun 2231 (NS)  
6498.0 E10 Calling PCD2//4270kHz YL/EE No further traffic. USB 30-3-2005 Wed 1701 (NS)  
6498.0 E10 Calling PCD2//4270kHz YL/EE No further traffic. USB 31-3-2005 Thu 2131 (NS)  
6498.0 E10 Calling PCD2 YL/EE No further traffic. USB 31-3-2005 Thu 2231 (NS)  
6507 E23 USB 2-3-2005 0954 (MUK)  
6507 E23 in progress 3-3-2005 0958 (MUK)  
6508.0 M01 463-239/32=84968 CW 20-3-2005 Sun 0700 (HFD)  
6715 E15 BEC QRU 10-3-2005 0708 (MG)  
6797.0 M08a CW 7-3-2005 Mon 1200 (SE-c)  
6797.0 V02c A347 72x5 (R3) 73511 91082 . . . . (YL/SS) USB 1-3-2005 Tue 2000 (MS)  
6797.0 V02c In Progress//ARC-190//KHRT USB 1-3-2005 Tue 2200 (GS)  
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . . . (YL/SS) AM 4-3-2005 Fri 2200 (MS)  
6797.0 V02c A346 72x5 (R3) 74511 91082 . . . . (YL/SS) (Came up at 2215z-late start) AM 5-3-2005 Sat 2200 (MS)

6797.0 V02c AM 6-3-2005 Sun 2200 (SE-c)  
6797.0 V02c A346 72x5 (R3) 73511 91082 . . . . (YL/SS) AM 7-3-2005  
Mon 2200 (MS)  
6797.0 V02c (in progress - missed calls)(YL/SS) AM 10-3-2005 Thu  
2200 (MS)  
6797.0 V02c A346 72x5 (R3) 73511 91082 . . . . (YL/SS) USB  
13-3-2005 Sun 2200 (MS)  
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .  
. (YL/SS) AM 16-3-2005 Wed 2200 (MS)  
6797.0 V02c (in progress - missed callup) (YL/SS) AM 20-3-2005 Sun  
2200 (MS)  
6797.0 V02c A346 72x5 (R3) 73511 91082 . . . . (YL/SS) AM  
23-3-2005 Wed 2200 (MS)  
6809 MX Channel marker "V" CW 29-3-2005 2249 (RGA)  
6815.0 S06 624-873/15=92949 AM 1-3-2005 Tue 1810 (HFD)  
6818.0 E07 418:1-718/36=93#39 AM 2-3-2005 Wed 2140 (HFD)  
6839 E10 EZI2 //9130,S3 AM 11-3-2005 Fri 1930 (E12)  
6839 E10 EZI2 //9130 AM 12-3-2005 Sat 1930 (E12)  
6839 E10 EZI2 //9130 AM 14-3-2005 Mon 1930 (E12)  
6840 E10 EZI2 //9130 AM 10-3-2005 Thu 1900 (E12)  
6840 E10 EZI2 //9130 AM 11-3-2005 Fri 1900 (E12)  
6840 E10 EZI2 AM 14-3-2005 Mon 1900 (E12)  
6840 E10 EZI2//9130 AM 15-3-2005 Tue 1900 (E12)  
6840 E10 EZI2 AM 15-3-2005 Tue 1900 (E12)  
6840.0 E10 Calling "EZI">//9130kHz YL/EE Msg Gr 35 = YPCOS A0BKJ  
OADA0 = USB 3-3-2005 Thu 2330 (NS)  
6840.0 E10 Calling "EZI 2">//9130kHz YL/EE No further traffic. USB  
4-3-2005 Fri 0100 (NS)  
6840.0 E10 Calling "EZI 2">//9130kHz YL/EE No further traffic. USB  
4-3-2005 Fri 0130 (NS)  
6840.0 E10 Calling "EZI 2" YL/EE No further traffic. USB  
16-3-2005 Wed 0100 (NS)  
6840.0 E10 Calling "EZI 2" YL/EE No further traffic. USB  
16-3-2005 Wed 0130 (NS)  
6840.0 E10 Calling EZI2 YL/EE No further traffic. USB 17-3-2005  
Thu 1700 (NS)  
6840.0 E10 Calling EZI2 YL/EE No further traffic. USB 18-3-2005  
Fri 1700 (NS)  
6840.0 E10 Calling EZI YL/EE 5L Msg Gr 61 = QXIGE FSMFZ IKXNZ =  
USB 18-3-2005 Fri 2030 (NS)  
6840.0 E10 Calling EZI2 YL/EE No further USB 19-3-2005 Sat 0130  
6840.0 E10 Calling EZI2//9130kHz YL/EE No further traffic. USB  
30-3-2005 Wed 1701 (NS)  
6840.0 E10 Calling EZI//9130kHz YL/EE 5L Msg Msg Gr 40 = IKPVE  
UFYBC OUVUO = USB 30-3-2005 Wed 1801 (NS)  
6840.0 E10 Calling EZI//9130kHz YL/EE 5L Msg Gr 30 = RZODQ BZEDS  
DRAHD = USB 31-3-2005 Thu 2201 (NS)  
6842.3 E10 Calling EZI YL/EE (Slightly off frequency) 5L Msg Gr

30 = RZODQ BZEDS DRAHD = USB 27-3-2005 Sun 2201 (NS)  
 6854.0 M08a (in progress-very weak signal) CW 2-3-2005 Wed 2200  
 6854.0 M08a ID ----- 47621 ----- (too weak to copy) CW 3-3-2005  
 Thu 2200 (MS)  
 6854.0 M08a ID 35342 60761 34411 (rpt of 2100z on 6933m - QRM  
 heavy here) CW 9-3-2005 Wed 2200 (MS)  
 6854.0 M08a ID 35343 60762 34412 (rpt of 2100z on 6933m) CW  
 10-3-2005 Thu 2200 (MS)  
 6854.0 M08a ID 76511 70083 51853 (rpt of 2100z on 6932m) CW  
 16-3-2005 Wed 2200 (MS)  
 6854.0 M08a ID 45013 89342 07592 (rpt of 2100z on 6932m) CW  
 23-3-2005 Wed 2200 (MS)  
 6854.0 M08a (AM broadcast completely blocks M8a) CW 24-3-2005 Thu  
 2200 (MS)  
 6855 V02 Spanish numbers 17-3-2005 2121 (CC)  
 6855.0 V02a In Progress//S800M//Brooklyn USB 21-3-2005 Mon 0300  
 6855.0 V02c In Progress//ARC-190//KHRT USB 1-3-2005 Tue 2100 (GS)  
 6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .  
 . (YL/SS) AM 2-3-2005 Wed 2100 (MS)  
 6855.0 V02c A346 72x5 (R3) 74511 91082 . . . . (YL/SS) AM 5-3-2005  
 Sat 2100 (MS)  
 6855.0 V02c A346 72x5 (R3) 73511 91082 . . . . (YL/SS) AM  
 23-3-2005 Wed 2100 (MS)  
 6870.0 G06 308-295/143=97219 AM 8-3-2005 Tue 1900 (HFD)  
 6886.0 M13 272 (R5) BT 290 20 BT (very good signal. loud and  
 clear) CW 1-3-2005 Tue 2200 (MS)  
 6930 E10 SYN2 AM 2-3-2005 Wed 1945 (E12)  
 6930 E10 SYN2 AM 3-3-2005 Wed 1945 (E12)  
 6930 E10 SYN2 AM 6-3-2005 Sun 1945 (E12)  
 6930 E10 SYN2 AM 7-3-2005 Mon 1945 (E12)  
 6930 E10 SYN2 AM 10-3-2005 Thu 1945 (E12)  
 6930 E10 SYN2 AM 11-3-2005 Fri 1945 (E12)  
 6930 E10 SYN2 AM 12-3-2005 Sat 1945 (E12)  
 6930 E10 SYN2 AM 14-3-2005 Mon 1945 (E12)  
 6930 E10 SYN2 AM 15-3-2005 Tue 1945 (E12)  
 6930 E10 SYN2 AM 15-3-2005 Tue 1945 (E12)  
 6930 E10 SYN2 AM 18-3-2005 Fri 1945 (E12)  
 6930 E10 SYN2 AM 19-3-2005 Sat 1945 (E12)  
 6930 E10 Mixed transmission of VLB2 and SYN2 AM 19-3-2005 Sat  
 2250 (AB)  
 6930.0 E10 SYN 2 (X1) @ 0042; SYN 2 USB 1-3-2005 Tue 0046 (MT2)  
 6930.0 E10 SYN 2 USB 1-3-2005 Tue 0146 (MT2)  
 6930.0 E10 SYN 2 (X1) # 0228; SYN 2 USB 1-3-2005 Tue 0246 (MT2)  
 6930.0 E10 SYN2 (R5) (YL/EE) USB 1-3-2005 Tue 2345 (MS)  
 6930.0 E10 SYN2 (R5) (YL/EE) USB 3-3-2005 Thu 2145 (MS)  
 6930.0 E10 SYN2 (R5) (YL/EE) USB 3-3-2005 Thu 2245 (MS)  
 6930.0 E10 SYN 2 (X1) @ 0244; SYN 2 USB 4-3-2005 Fri 0246 (MT2)  
 6930.0 E10 VLB2 (R5) (YL/EE) USB 4-3-2005 Fri 2245 (MS)

6930.0 E10 1 MIN. LATE START AND END; SYN 2 USB 5-3-2005 Sat 0047 (MT2)

6930.0 E10 1 MIN. LATE START AND END (AS AT 0047 TODAY); SYN 2 USB 5-3-2005 Sat 0147 (MT2)

6930.0 E10 SYN2 (R5) (YL/EE) USB 5-3-2005 Sat 2045 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 5-3-2005 Sat 2145 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 5-3-2005 Sat 2245 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) (Was still broadcasting at 0530z) USB 6-3-2005 Sun 0400 (MS)

6930.0 E10 SYN2 (Repeating over and over until 2250z) USB 7-3-2005 Mon 2145 (MS)

6930.0 E10 SYN, no msg AM 7-3-2005 Mon 2242 (RNL)

6930.0 E10 SYN2 (YL/EE) (Repeated callup continually until 2250z) USB 8-3-2005 Tue 2020 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 10-3-2005 Thu 2245 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 14-3-2005 Mon 2145 (MS)

6930.0 E10 SYN 2 USB 15-3-2005 Tue 0347 (MT2)

6930.0 E10 SYN2 (R5) (YL/EE) USB 16-3-2005 Wed 2145 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 16-3-2005 Wed 2245 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 16-3-2005 Wed 2345 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 17-3-2005 Thu 2245 (MS)

6930.0 E10 Calling SYN2//3640kHz YL/EE No further traffic. USB 18-3-2005 Fri 2045 (NS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 18-3-2005 Fri 2045 (MS)

6930.0 E10 Calling SYN2//3640kHz YL/EE No further traffic. USB 18-3-2005 Fri 2145 (NS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 18-3-2005 Fri 2145 (MS)

6930.0 E10 Calling SYN2//3640&4015kHz YL/EE No further traffic. USB 19-3-2005 Sat 0145 (NS)

6930.0 E10 SYN2 USB 19-3-2005 Sat 0246 (GNH)

6930.0 E10 SYN2 (R5) (YL/EE) USB 20-3-2005 Sun 2045 (MS)

6930.0 E10 SYN2 AM 20-3-2005 Sun 2145 (JS3)

6930.0 E10 SYN2 (R5) (YL/EE) USB 20-3-2005 Sun 2145 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 20-3-2005 Sun 2245 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 21-3-2005 Mon 2146 (MS)

6930.0 E10 SYN2; signal very strong (S7) AM 21-3-2005 Mon 2245

6930.0 E10 Calling SYN2 YL/EE No further traffic. USB 23-3-2005 Wed 1745 (NS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 23-3-2005 Wed 2046 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 23-3-2005 Wed 2246 (MS)

6930.0 E10 Calling SYN2//3640&4015kHz YL/EE No further traffic. USB 28-3-2005 Mon 1846 (NS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 28-3-2005 Mon 2046 (MS)

6930.0 E10 SYN2 (R5) (YL/EE) USB 29-3-2005 Tue 2046 (MS)

6930.0 E10 Calling SYN2//4015kHz YL/EE No further traffic. USB 30-3-2005 Wed 1646 (NS)

6930.0 E10 Calling SYN2//3640&4015kHz YL/EE No further traffic. USB 31-3-2005 Thu 2146 (NS)

6930.0 E10 Calling SYN2//3640&4015kHz YL/EE No further traffic.  
 USB 31-3-2005 Thu 2246 (NS)  
 6932.0 M08a ID 76511 70083 51853 CW 16-3-2005 Wed 2100 (MS)  
 6932.0 M08a ID ----- 40101 ----- (in progress) CW 17-3-2005 Thu  
 6932.0 M08a ID 45013 89342 07592 CW 23-3-2005 Wed 2100 (MS)  
 6933.0 M08a ID ----- 91663 ----- (in progress) CW 2-3-2005 Wed  
 6933.0 M08a CW 3-3-2005 Thu 1200 (SE-c)  
 6933.0 M08a (too weak for copy) CW 3-3-2005 Thu 2100 (MS)  
 6933.0 M08a ID 35342 60761 34411 CW 9-3-2005 Wed 2100 (MS)  
 6933.0 M08a ID 35343 60762 34412 CW 10-3-2005 Thu 2100 (MS)  
 6933.0 M08a ID 10191 42525 41625 CW 19-3-2005 Sat 1200 (MS)  
 6959 E03 LP. Id 89094 USB 15-3-2005 Tue 1900 (AB)  
 6959 E03 LP. Id 42118 17-3-2005 2105 (CC)  
 6959 E03 LP. Id 10090 USB 20-3-2005 Sun 1900 (AB)  
 6959.0 E03 Calling 12524//5746&9251kHz YL/EE at 1810 Msg Gr 200 =  
 71879 19926 04358 = USB 1-3-2005 Tue 1800 (NS)  
 6959.0 E03 Calling 37701//9251&11545kHz YL/EE at 1910 Msg Gr 200  
 = 70829 47624 65337 = USB 1-3-2005 Tue 1900 (NS)  
 6959.0 E03 37701//ARC-190//KHRT USB 1-3-2005 Tue 1900 (GS)  
 6959.0 E03 Calling 37701//9251&11545kHz YL/EE at 1910 Msg Gr 200  
 = 70829 47624 65337 = USB 3-3-2005 Thu 1900 (NS)  
 6959.0 E03 Calling 60665//9251&11545kHz YL/EE at 2010 Msg Gr 200  
 = 22663 63393 34733 = USB 3-3-2005 Thu 2000 (NS)  
 6959.0 E03 Calling 12524//5746&9251kHz YL/EE at 2110 Msg Gr 200 =  
 71879 19926 04358 = USB 3-3-2005 Thu 2100 (NS)  
 6959.0 E03 In Progress//ARC-190//KHRT USB 4-3-2005 Fri 2100 (GS)  
 6959.0 E03 12524//ARC-190//KHRT USB 4-3-2005 Fri 2200 (GS)  
 6959.0 E03 Calling 12524//11545kHz YL/EE at 1710 Msg Gr 200 =  
 71879 19926 04358 = USB 7-3-2005 Mon 1700 (NS)  
 6975.0 M13 261 (R5) BT 290 22 BT CW 7-3-2005 Mon 2100 (MS)  
 6975.0 M13 261 (R5) BT 290 22 BT (very weak) CW 21-3-2005 Mon  
 2000 (MS)  
 6975.0 M13 261 (R5) BT 290 22 BT (stronger this hour) CW  
 21-3-2005 Mon 2100 (MS)  
 6986.0 E10 Calling ART YL/EE 5L Msg follows. USB 18-3-2005 Fri  
 1430 (NS)  
 7000 MX Cluster beacon "D". Spur freq CW 20-3-2005 Sun 2050  
 7004.0 MX In Progress//S800M//Brooklyn CW 16-3-2005 Wed 0500  
 7038.7 MX Cluster beacon "D" CW 2-3-2005 Wed 2100 (AB)  
 7038.7 MX Cluster beacon "D" CW 20-3-2005 Sun 2050 (AB)  
 7038.7 MX Cluster beacon "D" CW 25-3-2005 Fri 0713 (AB)  
 7038.8 MX Cluster beacon "P" CW 20-3-2005 Sun 2050 (AB)  
 7038.8 MX Cluster beacon "P" CW 25-3-2005 Fri 0713 (AB)  
 7038.9 MX Cluster beacon "S" CW 25-3-2005 Fri 0713 (AB)  
 7039 MX Cluster beacon "C" CW 2-3-2005 Wed 2100 (AB)  
 7039 MX Cluster beacon "C" CW 20-3-2005 Sun 2050 (AB)  
 7039 MX Cluster beacon "C" CW 25-3-2005 Fri 0713 (AB)  
 7242.0 S06 537:0 AM 31-3-2005 Thu 1710 (HFD)



7320.0 S06 418 AM 1-3-2005 Tue 0800 (HFD)  
7337.0 E03 In Progress//ARC-190//KHRT USB 1-3-2005 Tue 2100 (GS)  
7337.0 E03 Calling 17791//9251&12603kHz YL/EE at 2110 Msg Gr 200  
= 72676 70559 55216 = USB 1-3-2005 Tue 2100 (NS)  
7337.0 E03 17191//ARC-190//KHRT USB 2-3-2005 Wed 2200 (GS)  
7350.0 E10 Calling FTJ2 YL/EE No further traffic. USB 18-3-2005  
Fri 1700 (NS)  
7358.0 E10 Calling FTJ ? YL/EE 5L Msg follows. Swamped by Radio  
Moscow on 7360kHz USB 18-3-2005 Fri 1500 (NS)  
7358.0 E10 Calling FTJ2 YL/EE No further traffic. USB 30-3-2005  
Wed 1701 (NS)  
7429 M87 682 682 91 91 (R) = = 058 058 20 20 = = a3t3u duau3  
etc = = 000 000 ttt 7-3-2005 1400 (IB)  
7433.0 M13 254 (R5) BT 256 21 BT CW 3-3-2005 Thu 2200 (MS)  
7433.0 M13 254 (R5) BT 256 21 BT CW 16-3-2005 Wed 2200 (MS)  
7519.0 M08a (Religious broadcast completely blocking copy) CW  
4-3-2005 Fri 2200 (MS)  
7519.0 M08a (Totally blocked by strong AM station) CW 9-3-2005 Wed  
2200 (MS)  
7519.0 M08a ID 01102 73372 41162 CW 18-3-2005 Fri 2200 (MS)  
7520.0 V02c AM 1-3-2005 Tue 0900 (SE-c)  
7526.0 M08 In Progress//ARC-190//KHRT CW 1-3-2005 Tue 2200 (GS)  
7526.0 M08a ID 32553 91662 07552 CW 1-3-2005 Tue 2200 (MS)  
7526.0 M08a ID 35341 47621 81604 (abruptly stopped at 2201z, imm.  
began ahr tape with correc CW 8-3-2005 Tue 2200 (MS)  
7526.0 M08a ID 34294 49434 93334 (See notes above) CW 8-3-2005 Tue  
2201 (MS)  
7540.0 E10 Calling "JSR 2" YL/EE No further traffic. USB 4-3-2005  
Fri 1430 (NS)  
7540.0 E10 Calling "JSR"//5091kHz YL/EE Msg Gr 19 = HQYDC NEZTG  
FIQIA = USB 4-3-2005 Fri 1530 (NS)  
7540.0 E10 Calling "JSR 2"//5091kHz YL/EE No further traffic. USB  
4-3-2005 Fri 1600 (NS)  
7540.0 E10 Calling "JSR"//5091kHz YL/EE 5L Msg Gr 49 = HKAGY  
SOUFD HCUXI = USB 15-3-2005 Tue 1700 (NS)  
7540.0 E10 Calling JSR//5091kHz YL/EE 5L Msg Gr 49 = HKAGY SOUFD  
HCUXI = USB 17-3-2005 Thu 1700 (NS)  
7540.0 E10 Calling JSR2 YL/EE No further traffic. USB 18-3-2005  
Fri 1430 (NS)  
7540.0 E10 Calling JSR//5091kHz YL/EE 5L Msg Gr 49 = HKAGY SOUFD  
HCUXI = USB 18-3-2005 Fri 1700 (NS)  
7540.0 E10 Calling JSR2 YL/EE No further traffic. USB 30-3-2005  
Wed 1701 (NS)  
7541.0 E10 Calling JSR//5091kHz YL/EE 5L Msg Gr 19 = HQYDC NEZTG  
FIGIA = USB 18-3-2005 Fri 1530 (NS)  
7555.0 M08 CW 14-3-2005 Mon 0800  
7580.0 M08a ID 25641 43154 97134 CW 5-3-2005 Sat 0800 (MS)  
7605.0 S06 471:0 AM 30-3-2005 Wed 0820 (HFD)

7614.0 E07 163, very weak, //5763, 4633 AM 31-3-2005 Thu 2110  
7620.0 S06 967 AM 7-3-2005 Mon 0600 (HFD)  
7663 E11 232/00 10-3-2005 0800 (MUK)  
7755.0 E03 Calling 92003//6485&10425kHz YL/EE at 1610 Msg Gr 200  
= 64494 24983 80906 = USB 2-3-2005 Wed 1600 (NS)  
7758.6 E10 Calling "ULX" Slightly off frequency//6270kHz YL/EE 5L  
Msg follows. USB 16-3-2005 Wed 0100 (NS)  
7760.0 E10 Calling "ULX" ??? Very weak signal. USB 2-3-2005 Wed  
1200 (NS)  
7760.0 E10 Calling "ULX"//6270kHz YL/EE Msg Gr 56 = YYIRD RECSX  
YTCV0 = USB 4-3-2005 Fri 0100 (NS)  
7760.0 E10 Calling "ULX 2" YL/EE No further traffic. USB  
15-3-2005 Tue 1500 (NS)  
7760.0 E10 Calling ULX2//6270kHz YL/EE No further traffic. USB  
18-3-2005 Fri 1500 (NS)  
7760.0 E10 Calling ULX2//6270kHz YL/EE No further traffic. USB  
18-3-2005 Fri 1530 (NS)  
7760.0 E10 Calling ULX//6270kHz YL/EE 5L Msg Gr 22 = ILXBI QARIC  
JFDYB = USB 22-3-2005 Tue 0100 (NS)  
7840.0 E06 569:0 AM 2-3-2005 Wed 2100 (HFD)  
7840.0 E06 569:0 AM 16-3-2005 Wed 2100 (HFD)  
7887.0 V02c AM 1-3-2005 Tue 1000 (SE-c)  
7887.0 V02c In Progress//ARC-190//KHRT USB 1-3-2005 Tue 2000 (GS)  
7887.0 V02c AM 3-3-2005 Thu 0010 (FAN)  
7887.0 V02c AM 11-3-2005 Fri 1000 (SE-c)  
7887.0 V02c A347 72x5 (R3) 73511 91082 . . . . (YL/SS) AM  
20-3-2005 Sun 2000 (MS)  
7890.0 M08a CW 3-3-2005 Thu 1300 (SE-c)  
7890.0 M08a ID 10191 42525 41625 (rpt of 1200z on 6933m) CW  
19-3-2005 Sat 1300 (MS)  
7890.0 M08a ID 28851 83892 29312 CW 26-3-2005 Sat 1300 (MS)  
7918.0 E10 Calling "YHF 2" YL/EE No further traffic. USB 2-3-2005  
Wed 1100 (NS)  
7918.0 E10 Calling "YHF 2" YL/EE No further traffic. USB 2-3-2005  
Wed 1130 (NS)  
7918.0 E10 Calling "YHF"//5820kHz YL/EE Msg Gr 21 = UVWFT HBYMK  
VZGLE = USB 4-3-2005 Fri 0130 (NS)  
7918.0 E10 Calling "YHF"//10648kHz YL/EE Msg Gr 63 = DTEEZ OSLWA  
ROQEX = USB 4-3-2005 Fri 1600 (NS)  
7918.0 E10 Calling "YHF"//5820kHz YL/EE 5L Msg Gr 63 = TSVDH  
IARMV UAGLA = USB 16-3-2005 Wed 0130 (NS)  
7918.0 E10 Calling YHF2 YL/EE No further traffic. USB 17-3-2005  
Thu 1400 (NS)  
7918.0 E10 Calling YHF2//5820kHz YL/EE No further traffic. USB  
18-3-2005 Fri 1500 (NS)  
7918.0 E10 Calling YHF//5820kHz YL/EE 5L Msg Gr 63 = TSVDH IARMV  
UAGLA = USB 19-3-2005 Sat 0130 (NS)  
7918.0 E10 Calling YHF//5818.7kHz YL/EE 5L Msg Gr 39 = IKXGQ

KMXLV IFSJN = USB 23-3-2005 Wed 1800 (NS)

7975.0 V02c (Carrier up, but no transmission by 1015z and dropped)  
AM 5-3-2005 Sat 1000 (MS)

7975.0 V02c A346 72x5 (R3) 73511 91082 . . . . (YL/SS) AM 6-3-2005  
Sun 1000 (MS)

7994.0 M13 284 (R5) (too weak for copy) CW 1-3-2005 Tue 2000 (MS)

7995.0 M13a 158x3 0 0 0 (R5) (very weak signal, too weak to copy  
message) CW 1-3-2005 Tue 2100 (MS)

8009.0 M08a (in progress) CW 2-3-2005 Wed 2300 (MS)

8009.0 M08a ID 34291 49431 93331 CW 3-3-2005 Thu 2200 (MS)

8009.0 M08a ID 34293 49433 93333 CW 7-3-2005 Mon 2300 (MS)

8009.0 M08a ID 14282 06682 56192 CW 10-3-2005 Thu 2200 (MS)

8009.0 M08a ID 32011 45981 01781 CW 14-3-2005 Mon 2300 (MS)

8009.0 M08a ID 32013 45983 01783 CW 16-3-2005 Wed 2300 (MS)

8009.0 M08a ID ----- 10022 29832 (in progress) CW 23-3-2005 Wed  
2300 (MS)

8009.0 M08a ID 67803 10023 29833 CW 24-3-2005 Thu 2200 (MS)

8009.0 M08a ID 02922 79792 09792 CW 28-3-2005 Mon 2300 (MS)

8010.0 V02c AM 5-3-2005 Sat 1700 (SE-c)

8010.0 V02c in progress at tune in AM 6-3-2005 Sun 1734 (SE-c)

8010.0 V02c AM 25-3-2005 Fri 1700 (SE-c)

8067.0 M13 501 (R5) BT 250 20 BT CW 28-3-2005 Mon 2115 (MS)

8095.0 V02a Lasted about 20-30 minutes; 5-digit number groups in  
Spanish; 2 "finales" at the USB 31-3-2005 Thu 0500

8097.0 V02a i/p AM 3-3-2005 Thu 0513 (BM)

8097.0 V02a In Progress//S800M//Brooklyn USB 10-3-2005 Thu 0500

8097.0 V02a 54431/33293/30412//S800M//Brooklyn USB 10-3-2005 Thu  
0600 (GS)

8097.0 V02c In Progress//ARC-190//KHRT USB 1-3-2005 Tue 1900 (GS)

8097.0 V02c AM 6-3-2005 Sun 1800 (SE-c)

8098 V02 5FGs in Spanish 31-3-2005 1820 (FL)

8105.0 S06 967 AM 7-3-2005 Mon 0610 (HFD)

8135.0 M08a ID 69742 34532 69912 CW 1-3-2005 Tue 2300 (MS)

8135.0 M08a CW 1-3-2005 Tue 2300 (SE-c)

8135.0 M08a ID 34291 49431 93331 (rpt of 2200z on 8009m) CW  
3-3-2005 Thu 2300 (MS)

8135.0 M08a ID ----- 49432 93332 (rpt of 2200z on 7519m-in  
progress) CW 4-3-2005 Fri 2300 (MS)

8135.0 M08a ID 34294 49434 93334 (rpt of 2201z sked on 7526m) CW  
8-3-2005 Tue 2300 (MS)

8135.0 M08a ID 14282 06682 56192 (rpt of 2200z on 8009m) CW  
10-3-2005 Thu 2300 (MS)

8135.0 M08a ID 14283 06683 56193 CW 11-3-2005 Fri 2300 (MS)

8135.0 M08a ID 01101 73371 41161 CW 17-3-2005 Thu 2300 (MS)

8136.0 M08 In Progress//S800M//Brooklyn CW 25-3-2005 Fri 0705

8136.0 M08a ID 28482 37121 47091 CW 19-3-2005 Sat 1100 (MS)

8136.0 M08a ID 91725 31021 47092 CW 20-3-2005 Sun 1000 (MS)

8136.0 M08a ID 09171 85012 60243 CW 26-3-2005 Sat 1100 (MS)

8136.0 M08a ID 84522 59011 52223 CW 27-3-2005 Sun 1000 (MS)  
8183.0 M13 757 (R5) BT 271 21 BT CW 4-3-2005 Fri 2245 (MS)  
8185.0 E07 418:0 AM 21-3-2005 Mon 2120 (HFD)  
8186.0 M03 624/00 CW 12-3-2005 Sat 0800 (HFD)  
8188 E23 Intro of 00000, 11111, 22222, 33333, and so on then  
message at 11:57 USB 2-3-2005 1152 (MUK)  
8190.0 S17C 69030, //5301 AM 1-3-2005 Tue 1250 (HFD)  
8190.0 S17C 70029, //5301 AM 2-3-2005 Wed 1250 (HFD)  
8190.0 S17C 64030, //5301 AM 4-3-2005 Fri 1250 (HFD)  
8190.0 S17C 82038, //5301 AM 7-3-2005 Mon 1250 (HFD)  
8190.0 S17C 70029, //5301 AM 9-3-2005 Wed 1250 (HFD)  
8190.0 S17C 63031, //5301 AM 11-3-2005 Fri 1250 (HFD)  
8190.0 S17C 71028, //5301 AM 13-3-2005 Sun 1250 (HFD)  
8190.0 S17C 83030, //5301 AM 15-3-2005 Tue 1250 (HFD)  
8190.0 S17C 78031, //5301 AM 16-3-2005 Wed 1250 (HFD)  
8190.0 S17C 69028, //5301 AM 17-3-2005 Thu 1250 (HFD)  
8190.0 S17C 83035, //5301 AM 19-3-2005 Sat 1250 (HFD)  
8190.0 S17C 67030, //5301 AM 20-3-2005 Sun 1250 (HFD)  
8190.0 S17C 78033, //5301 AM 21-3-2005 Mon 1250 (HFD)  
8190.0 S17C 77032, //5301 AM 22-3-2005 Tue 1250 (HFD)  
8190.0 S17C 66029, //5301 AM 23-3-2005 Wed 1250 (HFD)  
8190.0 S17C 70030, //5301 AM 30-3-2005 Wed 1250 (HFD)  
8190.0 S17C 67031, //5301 AM 31-3-2005 Thu 1250 (HFD)  
8300 V13 New Star BC AM 2-3-2005 1322 (KD7JYK)  
8300.0 V13 i/p; YL/CC 4fg x 2 USB 27-3-2005 Sun 1325 (BM)  
8312.5 XSL Japanese PSK modem USB 23-3-2005 Wed 0634 (BM)  
8313 XSL Slot Machine 30-3-2005 1529 (TI)  
8464.0 E03 Calling 71965//10426&12603kHz YL/EE at 2210 Msg Gr 200  
= 75107 78377 28434 = USB 1-3-2005 Tue 2200 (NS)  
8464.0 E03 In Progress//ARC-190//KHRT USB 1-3-2005 Tue 2200 (GS)  
8494.7 MX Cluster beacon "D" CW 2-3-2005 Wed 2100 (AB)  
8494.8 MX Cluster beacon "P" 20-3-2005 0839 (PP)  
8495 MX Cluster beacon "C" CW 2-3-2005 Wed 2100 (AB)  
8544.0 E11 312/00 AM 15-3-2005 Tue 1230 (HFD)  
8587.5 XSL Japanese PSK modem USB 23-3-2005 Wed 0633 (BM)  
8588 XSL Slot Machine 30-3-2005 1530 (TI)  
8588.0 XSL Slot machine still going strong! S5 here today. USB  
10-3-2005 Thu 1300 (ZW)  
8650.0 S06 314:0 AM 31-3-2005 Thu 1400 (HFD)  
8703.5 XSL Slot Machine 30-3-2005 1530 (TI)  
8759.0 E11 312/00 AM 15-3-2005 Tue 1030 (HFD)  
8800.0 E11 Calling "183" with an excellent signal. USB 15-3-2005  
Tue 1302 (Red)  
8805.0 E10 Calling "PCD"//6498kHz YL/EE Msg Gr 40 = KOIKO TLCWW  
IEXQW = USB 4-3-2005 Fri 1430 (NS)  
8805.0 E10 Calling "PCD 2" YL/EE No further traffic. USB 5-3-2005  
Sat 1030 (NS)  
8805.0 E10 Calling "PCD" YL/EE Msg Gr 55 = SBITH LOVKJ TBUSY =

USB 5-3-2005 Sat 1230 (NS)  
 8805.0 E10 Calling "PCD" YL/EE Msg Gr 34 = ALKEG CECFB KXCCZ =  
 USB 5-3-2005 Sat 1300 (NS)  
 8805.0 E10 Calling "PCD" YL/EE 5L Msg Signal to weak to copy. USB  
 15-3-2005 Tue 1130 (NS)  
 8805.0 E10 Calling PCD2 YL/EE No further traffic. USB 17-3-2005  
 Thu 1300 (NS)  
 8805.0 E10 Calling PCD//6498kHz YL/EE 5L Msg Gr 40 = KOIKO TLCWW  
 IEXQW = USB 18-3-2005 Fri 1430 (NS)  
 8858.0 XSL Slot machine good signal S6 USB 14-3-2005 Mon 1300  
 8930.0 S06 374:0 AM 22-3-2005 Tue 0710 (HFD)  
 9062.0 M08 In Progress//S800M//Brooklyn CW 16-3-2005 Wed 0500  
 9063.0 V02a In Progress//S800M//Brooklyn USB 25-3-2005 Fri 0705  
 9068.0 E07 906:0 AM 20-3-2005 Sun 1820 (HFD)  
 9121.0 M12 rptg 718 718 718 000 CW 29-3-2005 Tue 0500 (BM)  
 9130 E10 EZI2 //9130 AM 2-3-2005 Wed 1900 (E12)  
 9130 E10 EZI2 //9130 AM 2-3-2005 Wed 1930 (E12)  
 9130 E10 EZI 95 JEPBG ?? ????? AM 2-3-2005 Wed 2000 (E12)  
 9130 E10 EZI2, //9130 AM 3-3-2005 Wed 1900 (E12)  
 9130 E10 EZI2 //9130 AM 3-3-2005 Wed 1930 (E12)  
 9130 E10 EZI Tx Progress AM 3-3-2005 Wed 2000 (E12)  
 9130 E10 EZI2 //9130 AM 6-3-2005 Sun 1900 (E12)  
 9130 E10 EZI2 //9130 AM 6-3-2005 Sun 1930 (E12)  
 9130 E10 EZI 97 ????? 18 BCVZG AM 6-3-2005 Sun 2000 (E12)  
 9130 E10 EZI2 //9130 AM 7-3-2005 Mon 1900 (E12)  
 9130 E10 EZI2 //9130 AM 7-3-2005 Mon 1930 (E12)  
 9130 E10 EZI 95 JEPBG 33 GPHLM AM 7-3-2005 Mon 2000 (E12)  
 9130 E10 EZI2 //9130 AM 10-3-2005 Thu 1930 (E12)  
 9130 E10 EZI 95 JEPBG 33 GPHLM AM 10-3-2005 Thu 2000 (E12)  
 9130 E10 EZI 95 JEPBG 33 GPHLM AM 11-3-2005 Fri 2000 (E12)  
 9130 E10 EZI2 AM 12-3-2005 Sat 1900 (E12)  
 9130 E10 EZI 95 JEPBG 33 GPHLM AM 12-3-2005 Sat 2000 (E12)  
 9130 E10 EZI 95 JEPBG 33 GPHLM AM 14-3-2005 Mon 2000 (E12)  
 9130 E10 EZI2 //6840 AM 15-3-2005 Tue 1930 (E12)  
 9130 E10 EZI2 AM 15-3-2005 Tue 1930 (E12)  
 9130 E10 EZI 45 BKGSY AM 15-3-2005 Tue 2000 (E12)  
 9130 E10 EZI 95 JEPBG 33 GPHLM AM 15-3-2005 Tue 2000 (E12)  
 9130 E10 EZI2 AM 18-3-2005 Fri 1900 (E12)  
 9130 E10 EZI2 //6840 AM 18-3-2005 Fri 1930 (E12)  
 9130 E10 EZI 45 BKGSY AM 18-3-2005 Fri 2000 (E12)  
 9130 E10 EZI2 //6840,S3 AM 19-3-2005 Sat 1900 (E12)  
 9130 E10 EZI2 //6840 AM 19-3-2005 Sat 1930 (E12)  
 9130 E10 EZI 45 BKGSY AM 19-3-2005 Sat 2000 (E12)  
 9130.0 E10 Calling "EZI 2" YL/EE No further traffic. USB 2-3-2005  
 Wed 1130 (NS)  
 9130.0 E10 Calling "EZI"//6840kHz YL/EE Msg Gr 35 = YPCOS AOBKJ  
 OADAO = USB 3-3-2005 Thu 2330 (NS)  
 9130.0 E10 Calling "EZI 2"//6840kHz YL/EE No further traffic. USB

4-3-2005 Fri 0100 (NS)

9130.0 E10 Calling "EZI 2"//6840kHz YL/EE No further traffic. USB  
4-3-2005 Fri 0130 (NS)

9130.0 E10 Id. ? con TFC AM 11-3-2005 Fri 0530 (FA)

9130.0 E10 Calling EZI//11565kHz YL/EE 5L Msg Gr 48 = KLPPFO NGDCC  
VQPFZ = USB 18-3-2005 Fri 1430 (NS)

9130.0 E10 Calling EZI2//11565kHz YL/EE No further traffic USB  
18-3-2005 Fri 1630 (NS)

9130.0 E10 Calling EZI2 YL/EE No further trafic. USB 18-3-2005  
Fri 1700 (NS)

9130.0 E10 Calling EZI//11565kHz YL/EE 5L Msg follows. USB  
18-3-2005 Fri 2000 (NS)

9130.0 E10 Calling EZI2//6840kHz YL/EE No further traffic. USB  
30-3-2005 Wed 1701 (NS)

9130.0 E10 Calling EZI//13533&11565kHz YL/EE 5L Msg Gr 35 = YPCOS  
AOBKJ OADAO = USB 30-3-2005 Wed 1731 (NS)

9130.0 E10 Calling EZI//6840kHz YL/EE 5L Msg Msg Gr 40 = IKPVE  
UFYBC OUVUO = USB 30-3-2005 Wed 1801 (NS)

9130.0 E10 Calling EZI2 YL/EE No further traffic. USB 31-3-2005  
Thu 1201 (NS)

9130.0 E10 Calling EZI//6840kHz YL/EE 5L Msg Gr 30 = RZODQ BZEDS  
DRAHD = USB 31-3-2005 Thu 2201 (NS)

9130.0 E10 Calling EZI//9130kHz YL/EE 5L Msg Gr 60 = YAOIG JGXNS  
CBDOK = USB 31-3-2005 Thu 2231 (NS)

9145.0 S06 831:0 AM 21-3-2005 Mon 1200 (HFD)

9152.0 M08a ID 70471 98503 51793 CW 5-3-2005 Sat 1200 (MS)

9152.0 M08a ID 70473 30782 80513 CW 11-3-2005 Fri 1200 (MS)

9152.0 M08a CW 12-3-2005 Sat 1200 (SE-c)

9152.0 M08a ID 28482 37121 47091 (rpt of 1100z on 8136m) CW  
19-3-2005 Sat 1200 (MS)

9153.0 V02? Spanish female voice - 5 digit/ 5 digit/ 5 digit/.....  
(Going for more than 10 USB 31-3-2005 Thu 0504 (VS))

9153.0 V02a in progress S9 here confirmed in LSB LSB 18-3-2005  
Fri 0005 (Vambo)

9153.0 V02a AM 25-3-2005 Fri 1300 (SE-c)

9153.0 V02a i/p; A 63832 56253 36883 AM 28-3-2005 Mon 0502 (BM)

9200.0 E10 YHF2 (new freq. 9200 and 9202?) AM 11-3-2005 Fri 0500

9200.0 E10 YHF con tfc.//7918 khz AM 11-3-2005 Fri 0530 (FA)

9202.0 E10 Pos. YHF2 ? very weak AM 5-3-2005 Sat 0500 (FA)

9202.0 E10 with TFC //7918 khz AM 11-3-2005 Fri 0436 (FA)

9220.0 S06 371:0 AM 23-3-2005 Wed 1230 (HFD)

9220.0 S06 371:0 AM 23-3-2005 Wed 1240 (HFD)

9225.0 S06 480-267/43=43459 AM 30-3-2005 Wed 0830 (HFD)

9225.0 S06 895:0 AM 31-3-2005 Thu 1000 (HFD)

9238.0 M08a ID 59812 15311 82161 CW 13-3-2005 Sun 1100 (MS)

9238.0 M08a ID 91725 31021 47092 (rpt of 1000z on 8136m) CW  
20-3-2005 Sun 1100 (MS)

9238.0 M08a ID 84522 59011 52223 (rpt of 1000z on 8136m) CW

27-3-2005 Sun 1100 (MS)

9239.0 M08a CW 13-3-2005 Sun 1100 (SE-c)

9239.0 M08a mainw datna uitmn CW 20-3-2005 Sun 1100 (SE-c)

9251 E03 LP. Id 89094 USB 15-3-2005 Tue 1900 (AB)

9251 E03 LP. Id 42118 17-3-2005 2105 (CC)

9251 E03 LP. Id 10090 USB 20-3-2005 Sun 1900 (AB)

9251.0 E03 Calling 12524//5746&6959kHz YL/EE at 1810 Msg Gr 200 =  
71879 19926 04358 = USB 1-3-2005 Tue 1800 (NS)

9251.0 E03 Calling 37701//6959&11545kHz YL/EE at 1910 Msg Gr 200  
= 70829 47624 65337 = USB 1-3-2005 Tue 1900 (NS)

9251.0 E03 37701//ARC-190//KHRT USB 1-3-2005 Tue 1900 (GS)

9251.0 E03 In Progress//ARC-190//KHRT USB 1-3-2005 Tue 2000 (GS)

9251.0 E03 In Progress//ARC-190//KHRT USB 1-3-2005 Tue 2100 (GS)

9251.0 E03 Caling 17791//7337&12603kHz YL/EE at 2110 Msg Gr 200 =  
72676 70559 55216 = USB 1-3-2005 Tue 2100 (NS)

9251.0 E03 17191//ARC-190//KHRT USB 2-3-2005 Wed 2200 (GS)

9251.0 E03 Calling 37701//6959&11545kHz YL/EE at 1910 Msg Gr 200  
= 70829 47624 65337 = USB 3-3-2005 Thu 1900 (NS)

9251.0 E03 Calling 60665//6959&11545kHz YL/EE at 2010 Msg Gr 200  
= 22663 63393 34733 = USB 3-3-2005 Thu 2000 (NS)

9251.0 E03 Calling 12524//5746&6959kHz YL/EE at 2110 Msg Gr 200 =  
71879 19926 04358 = USB 3-3-2005 Thu 2100 (NS)

9251.0 E03 In Progress//ARC-190//KHRT USB 4-3-2005 Fri 2100 (GS)

9323.0 M08a ID 23371 64843 23143 CW 19-3-2005 Sat 1000 (MS)

9323.0 V02a i/p; mixing w/M8a AM 3-3-2005 Thu 0420 (BM)

9323.0 V02a In Progress/weak signal//S800M//Brooklyn USB 28-3-2005  
Mon 0604 (GS)

9331.0 V02a i/p; YL/SS 5fg AM 23-3-2005 Wed 0621 (BM)

9331.0 V02a In Progress/weak signal//S800M//Brooklyn USB 28-3-2005  
Mon 0604 (GS)

9354.0 V02a In Progress//S800M//Brooklyn USB 16-3-2005 Wed 0500

9420.0 E07 418:0 AM 21-3-2005 Mon 2100 (HFD)

9450 E25 785 51 null msg 6-3-2005 1245 (JE)

9450 E25 ip ... 557 10 EoT 12-3-2005 Sat 1238 (JE)

9450 E25 449 12-3-2005 Sat 1245 (JE)

9450 E25 906 12-3-2005 Sat 1333 (JE)

9450 E25 555 13-3-2005 Sun 1230 (JE)

9450 E25 906 13-3-2005 Sun 1330 (JE)

9450 E25 Arabic music. 222 (R5) + 4FGS 22-3-2005 1200 (TH2)

9450 E25 960 (R3) + 4FGs 24-3-2005 1330 (TH2)

9450 E25 906 (R3) + 4FGs 23-8-2005 1330 (CrA-2)

9450.0 E25 785 51 null msg, strong QRM AM 3-3-2005 Thu 1245 (JE)

9450.0 E25 ip ... 557 10 EoT, QRM AM 12-3-2005 Sat 1238 (JE)

9450.0 E25 449 , QRM AM 12-3-2005 Sat 1245 (JE)

9450.0 E25 906 msg repeat ... EoM EoT, no music intro, good  
signal , no QRM AM 12-3-2005 Sat 1333 (JE)

9450.0 E25 555 msg ... EoM 557 10 EoT AM 13-3-2005 Sun 1230 (JE)

9450.0 E25 906 msg ... EoM EoT 481 EoM 905 13 , msg was repeat

from Mar 12th 1330 AM 13-3-2005 Sun 1330 (JE)  
 9840 M87 249 249 249 000 000 000 CW 1-3-2005 0130 (IB)  
 9923.0 E07 906:0 AM 9-3-2005 Wed 1800 (HFD)  
 9923.0 E07 906:0 AM 20-3-2005 Sun 1800 (HFD)  
 9946.0 M13 517 (R5) BT 251 21 BT (very weak) CW 21-3-2005 Mon  
 2000 (MS)  
 9946.0 M13 517 (R5) (too weak to copy - weaker than last hour) CW  
 21-3-2005 Mon 2100 (MS)  
 10046 M22 4XZ. Israeli navy Haifa CW 30-3-2005 1556 (TI)  
 10119.0 M08 In Progress//S800M//Brooklyn CW 16-3-2005 Wed 0500  
 10126.0 V02a AM 25-3-2005 Fri 1400 (SE-c)  
 10127.0 M08a CW 2-3-2005 Wed 1100 (SE-c)  
 10127.0 M08a CW 4-3-2005 Fri 1100 (SE-c)  
 10127.0 M08a CW 7-3-2005 Mon 1100 (SE-c)  
 10127.0 M08a CW 11-3-2005 Fri 1100 (SE-c)  
 10127.0 M08a CW 16-3-2005 Wed 1100 (SE-c)  
 10127.0 M08a CW 18-3-2005 Fri 1100 (SE-c)  
 10143.0 M13 (in progress-missed callup. Probably 714) CW  
 11-3-2005 Fri 2100 (MS)  
 10214.0 M13 253 (R5) (too weak for copy-QRN heavy) CW 4-3-2005 Fri  
 2100 (MS)  
 10235.0 M08a ID ----- 49173 ----- (in progress) CW 6-3-2005 Sun  
 10344.0 M08a ID 78761 64841 44133 CW 12-3-2005 Sat 1100 (MS)  
 10344.0 M08a ID 23371 64843 23143 (rpt of 1000z on 9323m) CW  
 19-3-2005 Sat 1100 (MS)  
 10345.0 M08a CW 24-3-2005 Thu 1100 (SE-c)  
 10345.0 V02a (in progress-very garbled-YL/SS) USB 26-3-2005 Sat  
 1100 (MS)  
 10425.0 E03 Calling 92003//6485&7755kHz YL/EE at 1610 Msg Gr 200 =  
 64494 24983 80906 = USB 2-3-2005 Wed 1600 (NS)  
 10426.0 E03 Calling 71965//8464&12603kHz YL/EE at 2210 Msg Gr 200  
 = 75107 78377 28434 = USB 1-3-2005 Tue 2200 (NS)  
 10426.0 E03 In Progress//ARC-190//KHRT USB 1-3-2005 Tue 2200 (GS)  
 10446.0 M08a CW 1-3-2005 Tue 1100 (SE-c)  
 10447.0 M08a CW 10-3-2005 Thu 1100 (SE-c)  
 10648.0 E10 Calling "YHF" YL/EE Msg Gr 44 = USB 2-3-2005 Wed 1200  
 (NS)  
 10648.0 E10 Calling "YHF"//7918kHz YL/EE Msg Gr 63 = DTEEZ OSLWA  
 ROQEX = USB 4-3-2005 Fri 1600 (NS)  
 10648.0 E10 Calling "YHF" YL/EE 5L Msg Gr 43 = XAZGA (Very  
 difficult copy ) USB 15-3-2005 Tue 1200 (NS)  
 10648.0 E10 Calling "YHF 2" YL/EE No further traffic. USB  
 15-3-2005 Tue 1600 (NS)  
 10648.0 E10 Calling YHF YL/EE 5L Msg Gr 63 = VHWMO BVEBL GAFQV =  
 USB 31-3-2005 Thu 1201 (NS)  
 10715.0 V02a AM 20-3-2005 Sun 1200 (SE-c)  
 10715.0 V02a AM 27-3-2005 Sun 1200 (SE-c)  
 10858.0 M08a CW 12-3-2005 Sat 1300 (SE-c)



10871.7 MX Cluster beacon "D" CW 25-3-2005 Fri 0713 (AB)  
 10871.8 MX Rus cluster beacon CW 14-3-2005 Mon 0112 (BM)  
 10871.8 MX Cluster beacon "P" CW 20-3-2005 Sun 2050 (AB)  
 10871.9 MX Cluster beacon "S" CW 25-3-2005 Fri 0713 (AB)  
 10872 MX Cluster beacon "C" CW 25-3-2005 Fri 0713 (AB)  
 10872.0 MX Rus cluster beacon CW 14-3-2005 Mon 0110 (BM)  
 10923.0 XP msg AM 15-3-2005 Tue 0700 (HFD)  
 10923.0 XP msg AM 22-3-2005 Tue 0700 (HFD)  
 10926.0 M13 261 (R5) BT 290 .. BT (too weak to copy) CW 20-3-2005  
 Sun 2000 (MS)  
 10926.0 M13 261 (R5) BT 290 22 BT (rpt of 2000z on 10926m) (much  
 stronger signal this hour) CW 20-3-2005 Sun 2100 (MS)  
 11000 E15 BEC QRU 18-3-2005 1301 (MUK)  
 11000.0 E15 Calling Baker Edward Charlie- QRU coming in with a  
 fair signal w/light fadesl. USB 19-3-2005 Sat 1301  
 11170 E15 BEC QRU 10-3-2005 1237 (MG)  
 11170 E15 BEC QRU 10-3-2005 1307 (MG)  
 11170 E15 OSS QRU 17-3-2005 1230 (MUK)  
 11432.0 M08a ID 56013 65483 36853 CW 10-3-2005 Thu 0800 (MS)  
 11460.0 S06 831:0 AM 21-3-2005 Mon 1210 (HFD)  
 11545 E03 LP. Id 89094 USB 15-3-2005 Tue 1900 (AB)  
 11545.0 E03 Calling 15607//13375&15682kHz YL/EE at 1610 Msg Gr 200  
 = 10114 48976 42866 = USB 1-3-2005 Tue 1600 (NS)  
 11545.0 E03 Calling 37701//6959&9251kHz YL/EE at 1910 Msg Gr 200 =  
 70829 47624 65337 = USB 1-3-2005 Tue 1900 (NS)  
 11545.0 E03 37701//ARC-190//KHRT USB 1-3-2005 Tue 1900 (GS)  
 11545.0 E03 Calling 84539//14487&16084kHz YL/EE at 1510 Msg Gr 200  
 = 92994 81521 86616 = USB 2-3-2005 Wed 1500 (NS)  
 11545.0 E03 Calling 37701//6959&9251kHz YL/EE at 1910 Msg Gr 200 =  
 70829 47624 65337 = USB 3-3-2005 Thu 1900 (NS)  
 11545.0 E03 Calling 60665//6959&9251kHz YL/EE at 2010 Msg Gr 200 =  
 22663 63393 34733 = USB 3-3-2005 Thu 2000 (NS)  
 11545.0 E03 Calling 84539//13375&16084kHz YL/EE at 1710 Msg Gr 200  
 = 92994 81521 86616 = USB 4-3-2005 Fri 1700 (NS)  
 11545.0 E03 In Progress//ARC-190//KHRT USB 4-3-2005 Fri 2100 (GS)  
 11545.0 E03 Calling 12524//6959kHz YL/EE at 1710 Msg Gr 200 =  
 71879 19926 04358 = USB 7-3-2005 Mon 1700 (NS)  
 11565.0 E10 Calling "EZI" YL/EE 5L Msg USB 4-3-2005 Fri 1000 (NS)  
 11565.0 E10 Calling "EZI 2" YL/EE No further traffic. USB 4-3-2005  
 Fri 1430 (NS)  
 11565.0 E10 Calling "EZI 2" USB 15-3-2005 Tue 1630 (NS)  
 11565.0 E10 Calling EZI YL/EE 5L Msg Gr 40 = MQVEP NVWDE VQNKZ =  
 USB 17-3-2005 Thu 1600 (NS)  
 11565.0 E10 Calling EZI//9130kHz YL/EE 5L Msg Gr 48 = KL PFO NGDCC  
 VQPFZ = USB 18-3-2005 Fri 1430 (NS)  
 11565.0 E10 Calling EZI2//9130kHz YL/EE No further traffic. USB  
 18-3-2005 Fri 1630 (NS)  
 11565.0 E10 Calling EZI//9130kHz YL/EE 5L Msg follows. USB

18-3-2005 Fri 2000 (NS)

11565.0 E10 Calling EZI YL/EE 5L Msg Gr 26 = HZJZF GTS.I NAXRA =  
USB 23-3-2005 Wed 1000 (NS)

11565.0 E10 Calling EZI//13531kHz YL/EE 5L Msg Gr35 = YPCOS AOBKJ  
OADA0 = USB 23-3-2005 Wed 1730 (NS)

11565.0 E10 Calling EZI//13533&9130kHz YL/EE 5L Msg Gr 35 = YPCOS  
AOBKJ OADA0 = USB 30-3-2005 Wed 1731 (NS)

11565.0 E10 Calling EZI//9130kHz YL/EE 5L Msg Gr 60 = YA0IG JGXNS  
CBDOK = USB 31-3-2005 Thu 2231 (NS)

11565.0 M08a i/p CW 3-3-2005 Thu 0421 (BM)

11565.0 V02a Spanish YL AM 27-3-2005 Sun 1300 (GPA)

11566.0 V02a AM 20-3-2005 Sun 1300 (SE-c)

12123.0 XP msg AM 1-3-2005 Tue 0720 (HFD)

12123.0 XP msg AM 22-3-2005 Tue 0720 (HFD)

12165.0 V02a weak USB 7-3-2005 Mon 0200 (SE-c)

12190.0 S06 126:0 AM 1-3-2005 Tue 1730 (HFD)

12215.0 V02a In Progress//S800M//Brooklyn USB 21-3-2005 Mon 0200

12603.0 E03 In Progress//ARC-190//KHRT USB 1-3-2005 Tue 2000 (GS)

12603.0 E03 Calling 17791//7337&9251kHz YL/EE Msg Gr 200 = 72676  
70559 55216 = USB 1-3-2005 Tue 2100 (NS)

12603.0 E03 In Progress//ARC-190//KHRT USB 1-3-2005 Tue 2200 (GS)

12603.0 E03 Calling 71965//8464&10426kHz YL/EE at 2210 Msg Gr 200  
= 75107 78377 28434 = USB 1-3-2005 Tue 2200 (NS)

12603.0 E03 17191//ARC-190//KHRT USB 2-3-2005 Wed 2200 (GS)

12603.0 E03 In Progress - also on 14487 / 16314 USB 15-3-2005 Tue  
1438 (RDF)

12604.0 E03 Calling 71965//14487&16084kHz YL/EE at 1610 Msg Gr 200  
= 75107 78377 28434 = USB 4-3-2005 Fri 1600 (NS)

13375.0 E03 Calling 15607//11545&15682kHz YL/EE at 1610 Msg Gr 200  
= 10114 48976 42866 = USB 1-3-2005 Tue 1600 (NS)

13375.0 E03 Calling 84539//11545&16084kHz YL/EE at 1710 Msg Gr 200  
= 92994 81521 86616 = USB 4-3-2005 Fri 1700 (NS)

13420.0 S06 729-652/ 8=55685 AM 2-3-2005 Wed 0700 (HFD)

13420.0 S06 729:0 AM 23-3-2005 Wed 0700 (HFD)

13436.0 V02a AM 14-3-2005 Mon 0100 (SE-c)

13523.0 XP msg AM 22-3-2005 Tue 0740 (HFD)

13530.0 E10 Group 35 USB 15-3-2005 Tue 1739 (RDF)

13531.0 E10 Calling EZI//11565kHz YL/EE 5L Msg Gr35 = YPCOS AOBKJ  
OADA0 = USB 23-3-2005 Wed 1730 (NS)

13533.0 E10 Calling "EZI 2"//15980&17410kHz YL/EE No further  
traffic. USB 2-3-2005 Wed 1230 (NS)

13533.0 E10 Calling "EZI 2" YL/EE No further traffic. USB  
15-3-2005 Tue 1500 (NS)

13533.0 E10 Calling EZI2 YL/EE No further traffic. USB 17-3-2005  
Thu 1300 (NS)

13533.0 E10 Calling EZI2//15980kHz YL/EE No further traffic. USB  
18-3-2005 Fri 1500 (NS)

13533.0 E10 Calling EZI//11565&9130kHz YL/EE 5L Msg Gr 35 = YPCOS

AOBKJ OADAO = USB 30-3-2005 Wed 1731 (NS)  
 14387.0 V07 304-976/19= AM 17-3-2005 Thu 0600 (HFD)  
 14487.0 E03 Calling 32279//15682&16084kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 2-3-2005 Wed 1200 (NS)  
 14487.0 E03 Calling 37701//15682&16084kHz YL/EE at 1310 Msg Gr 200  
 = 70829 47624 65337 = USB 2-3-2005 Wed 1300 (NS)  
 14487.0 E03 Calling 84539//11545&16084kHz YL/EE at 1510 Msg Gr 200  
 = 92994 81521 86616 = USB 2-3-2005 Wed 1500 (NS)  
 14487.0 E03 Calling 32279//15682&16084kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 3-3-2005 Thu 1200 (NS)  
 14487.0 E03 Calling 32279//15682&16084kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 4-3-2005 Fri 1200 (NS)  
 14487.0 E03 Calling 71965//12604&16084kHz at 1610 Msg Gr 200 =  
 75107 78377 28434 = USB 4-3-2005 Fri 1600 (NS)  
 14487.0 E03 Calling 32279//15682&16084kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 5-3-2005 Sat 1200 (NS)  
 14487.0 E03 Weak S2; nothing heard on 15682 or 16084 USB 10-3-2005  
 Thu 1300 (ZW)  
 14487.0 E03 Strong, S9 signal USB 14-3-2005 Mon 1300 (ZW)  
 14487.0 E03 In Progress - also on 12603 / 16314 USB 15-3-2005 Tue  
 1440 (RDF)  
 14561.0 S06 126:0 AM 1-3-2005 Tue 1630 (HFD)  
 15682.0 E03 Calling 15607//11545&13375kHz YL/EE at 1610 Msg Gr 200  
 = 10114 48976 42866 = USB 1-3-2005 Tue 1600 (NS)  
 15682.0 E03 Calling 32279//14487&16084kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 2-3-2005 Wed 1200 (NS)  
 15682.0 E03 Calling 37701//14487&16084kHz YL/EE at 1310 Msg Gr 200  
 = 70829 47624 65337 = USB 2-3-2005 Wed 1300 (NS)  
 15682.0 E03 Calling 32279//14487&16084kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 3-3-2005 Thu 1200 (NS)  
 15682.0 E03 Calling 32279//14487&16084kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 4-3-2005 Fri 1200 (NS)  
 15682.0 E03 Calling 32279//14487&16084kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 5-3-2005 Sat 1200 (NS)  
 15682.0 E03 S5 here USB 14-3-2005 Mon 1300 (ZW)  
 15980.0 E10 Calling "EZI 2"//13533&17410kHz YL/EE No further  
 traffic. USB 2-3-2005 Wed 1230 (NS)  
 15980.0 E10 Calling "EZI 2"//17410kHz YL/EE No further traffic.  
 USB 12-3-2005 Sat 1330 (NS)  
 15980.0 E10 Calling EZI2//17410kHz YL/EE No further traffic. USB  
 17-3-2005 Thu 1230 (NS)  
 15980.0 E10 Calling EZI2//13533kHz YL/EE No further traffic. USB  
 18-3-2005 Fri 1500 (NS)  
 16084.0 E03 Calling 32279//14487&15682kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 2-3-2005 Wed 1200 (NS)  
 16084.0 E03 Calling 37701//14487&15682kHz YL/EE at 1310 Msg Gr 200  
 = 70829 47624 65337 = USB 2-3-2005 Wed 1300 (NS)  
 16084.0 E03 Calling 84539//11545&14487kHz YL/EE at 1510 Msg Gr 200

= 92994 81521 86616 = USB 2-3-2005 Wed 1500 (NS)  
 16084.0 E03 Calling 32279//14487&15682kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 3-3-2005 Thu 1200 (NS)  
 16084.0 E03 Calling 32279//14487&15682kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 4-3-2005 Fri 1200 (NS)  
 16084.0 E03 Calling 71965//12604&14487kHz at 1610 Msg Gr 200 =  
 75107 78377 28434 = USB 4-3-2005 Fri 1600 (NS)  
 16084.0 E03 Calling 84539//11545&13375kHz YL/EE at 1710 Msg Gr 200  
 = 92994 81521 86616 = USB 4-3-2005 Fri 1700 (NS)  
 16084.0 E03 Calling 32279//14487&16084kHz YL/EE at 1210 Msg Gr 200  
 = 60452 56845 78465 = USB 5-3-2005 Sat 1200 (NS)  
 16084.0 E03 S2 or so but copyable USB 14-3-2005 Mon 1300 (ZW)  
 16314.0 E03 In Progress - also on 12603 / 14487 USB 15-3-2005 Tue  
 1442 (RDF)  
 16315.0 ? 5f "- - - -" final (posib. M14 o M24?) CW 10-3-2005  
 Thu 0508 (FA)  
 16315.0 ? 5f 15wpm T=0. Multiple Tx errors and cuts at 0535 with  
 00000. (posib. M14 o M24? CW 17-3-2005 Thu 0504 (FA)  
 16420 M87 ... 154 154 154 154 154 000  
 ... 154 154 154 154 154 000 CW 1-3-2005 0330 (IB)  
 17410.0 E10 Calling "EZI 2"//13533&17410kHz YL/EE No further  
 traffic. USB 2-3-2005 Wed 1230 (NS)  
 17410.0 E10 Calling "EZI 2"//15980kHz YL/EE No further traffic.  
 USB 12-3-2005 Sat 1330 (NS)  
 17410.0 E10 Calling "EZI 2" YL/EE No further traffic. USB  
 15-3-2005 Tue 1530 (NS)  
 17410.0 E10 Calling EZI2//14980kHz YL/EE No further traffic. USB  
 17-3-2005 Thu 1230 (NS)  
 18000 E15 BEC QRU 15-3-2005 1100 (GN)  
 18000 E15 BEC QRU 16-3-2005 1107 (MUK)  
 18864.0 E04 Cherry Ripe calling 23108 USB 15-3-2005 Tue 1300 (Red)  
 19715.0 E10 Calling "EZI"//23740kHz YL/EE Msg Gr 47 = ETTEK VLUGZ  
 NRMFO = USB 12-3-2005 Sat 1400 (NS)  
 19715.0 E10 Calling "EZI"//23740kHz YL/EE 5L Msg Gr = ETTEK VLUGZ  
 NRMFO = USB 15-3-2005 Tue 1400 (NS)  
 19715.0 E10 Calling EZI//23740kHz YL/EE 5L Msg Gr 47 = ETTEK VLUGZ  
 NRMFO = USB 17-3-2005 Thu 1400 (NS)  
 20474 E04 Cherry Ripe. Id 49209 16-3-2005 1000 (MUK)  
 23461 E04 Cherry Ripe. Id 49209 16-3-2005 1000 (MUK)  
 23740.0 E10 Calling "EZI"//19715kHz YL/EE Msg Gr 47 = ETTEK VLUGZ  
 NRMFO = USB 12-3-2005 Sat 1400 (NS)  
 23740.0 E10 Calling "EZI" //19715kHz YL/EE 5L Msg Gr 47 = ETTEK  
 VLUGZ NRMFO = USB 15-3-2005 Tue 1400 (NS)  
 23740.0 E10 Calling EZI//19715kHz YL/EE 5L Msg Gr 47 = ETTEK VLUGZ  
 NRMFO = USB 17-3-2005 Thu 1400 (NS)

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